

**PIMA GRO SYSTEMS, INC**  
**U.S.EPA PART 503 BIOSOLIDS REGULATIONS**  
**BIOSOLIDS LAND APPLICATION ANNUAL REPORT FOR**  
**1998**

February 16, 1999

**I. GENERAL**

**1. Operators Name:**

Pima Gro Systems, Inc.  
2015 Park Ave., Ste. 7  
Redlands, CA 92373-0745

**2. Contact Person:**

Richard D. Johnson, Ph.D. Soils

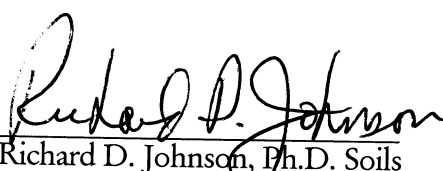
**3. Telephone:**

(909) 798-8615  
(909) 793-9954

**4. Project Description:**

Pima Gro Systems applies Class B biosolids to approved agricultural fields in Merced, Kern, Solano, and Riverside Counties, California, and Pima, Pinal and La Paz Counties, Arizona. The biosolids are received from various POTW's from the region, the POTW's have certified that their biosolids meet the Class B requirement of 40 CFR 503.32 (b) and vector attraction reduction requirements in 40 CFR 503.33 (b) (1) through (8) when met. Pima Gro personnel apply the biosolids then incorporated into the soil. The incorporation is done the same day as application and within six hours if a POTW is unable to certify their vector attraction reduction [40 CFR 503.33 (b) (10)]. Prior to having land application fields permitted, Pima Gro explains to the grower the site restrictions required by the permitting agency and the EPA. In addition, Pima Gro's local managers work closely with the growers to insure that the management practices and site restrictions are complied with.

**Certification:** "I certify, under penalty of law, that the management practices in 40 CFR 503.14, the site restrictions in 40 CFR 503.32 (b) (5), and the vector attraction reduction requirements in 40 CFR 503.33 (b) (10) have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices, site restrictions and vector attraction reduction requirements, when applicable, have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

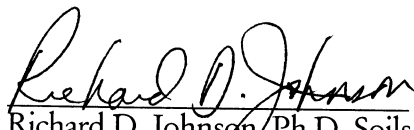
  
Richard D. Johnson, Ph.D. Soils  
Director, Technical Services

**Riverside County Direct Application Project  
40 CFR 503 Certification**

**January 1, 1998 to December 31, 1998**

**Project Description:** Pima Gro Systems applies Class B biosolids to approved agricultural fields in Riverside County, California. The biosolids are received from various POTW's from the region, the POTW's have certified that their biosolids meet the Class B requirement of 40 CFR 503.32 (b) and vector attraction reduction requirements in 40 CFR 503.33 (b) (1) through (8) when met. Pima Gro personnel apply the biosolids then incorporated into the soil. The incorporation is done the same day as application and within six hours if a POTW is unable to certify their vector attraction reduction [40 CFR 503.33 (b) (10)]. Prior to having land application fields permitted, Pima Gro explains to the grower the site restrictions required by the permitting agency and the EPA. In addition, Pima Gro's local managers work closely with the growers to insure that the management practices and site restrictions are complied with.

**Certification:** "I certify, under penalty of law, that the management practices in 40 CFR 503.14, the site restrictions in 40 CFR 503.32 (b) (5), and the vector attraction reduction requirements in 40 CFR 503.33 (b) (10) have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices, site restrictions and vector attraction reduction requirements, when applicable, have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

  
Richard D. Johnson, Ph.D. Soils  
Director, Technical Services

Pima Gro Systems, Inc.  
A Synagro Technologies Company  
1998 Biosolids Application Sites

County	Site	Hectares	Dry Ton/Hectare Lifetime	Cumulative Metals Applied (kg/hectare)									
				As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Merced	MTM-2	63.96	4.70	0.09	0.07	2.22	18.30	2.72	0.10	0.57	1.63	0.16	23.34
Riverside	HURD-1	79.10	5.68	0.15	0.26	4.11	16.26	1.98	0.09	4.97	2.98	0.16	21.84
Riverside	HURD-2	15.38	1.51	0.07	0.12	3.33	6.72	0.67	0.02	0.34	1.61	0.04	7.83
Riverside	PKA-1	23.96	2.23	0.04	0.44	3.44	23.09	1.96	0.07	1.42	2.81	0.11	29.66
Riverside	RAG-2	26.76	7.02	0.09	0.90	4.59	37.42	3.63	0.08	6.83	4.89	0.30	49.36
Riverside	RAG-3	28.38	7.56	0.11	1.03	5.64	43.34	4.30	0.09	1.36	5.68	0.39	58.53
Riverside	RCN-4	34.12	3.12	0.08	0.20	2.23	12.88	1.31	0.06	0.53	2.14	0.12	14.96
Riverside	RCN-5	21.90	9.17	0.08	0.08	2.63	15.19	2.99	0.27	0.40	1.31	0.09	22.59
Riverside	RDB-1	44.53	1.60	0.03	0.10	1.01	6.94	0.71	0.03	0.26	1.07	0.04	7.62
Riverside	RDB-2	18.62	2.87	0.06	0.18	1.83	12.25	1.27	0.06	0.47	1.93	0.09	13.80
Riverside	RDB-4	79.34	1.05	0.02	0.04	0.56	3.95	0.52	0.02	0.16	0.57	0.03	5.03
Riverside	RDF-3	37.65	6.83	0.16	0.40	5.24	32.17	2.87	0.18	6.31	5.17	0.22	30.98
Riverside	RDF-6	44.93	6.25	0.12	0.20	3.71	21.92	5.28	0.17	0.73	3.12	0.17	34.28
Riverside	RPR-1	34.65	6.30	0.10	0.70	4.18	33.27	3.32	0.10	3.18	4.29	0.27	44.23
Riverside	RRM 1-4	40.48	2.38	0.03	0.13	1.43	9.16	0.90	0.04	2.35	1.26	0.08	11.63
Solano	DE-1	139.25	3.42	0.03	0.09	1.48	14.32	1.94	0.06	0.35	1.08	0.06	18.00
Solano	HF-3	129.54	4.50	0.01	0.13	1.74	12.83	2.38	0.09	0.43	1.19	0.02	23.39
Solano	HF-4	62.74	7.26	0.01	0.09	2.47	20.10	3.09	0.10	0.73	1.83	0.02	36.26
Solano	PR-4	67.60	1.94	0.07	0.06	0.99	5.38	1.07	0.03	0.17	0.44	0.02	8.18
Solano	PR-6	42.50	0.72	0.20	0.18	3.34	19.76	3.53	0.11	0.65	1.49	0.10	28.04
Solano	PR-7	32.38	4.95	0.17	0.15	2.71	21.87	3.26	0.11	0.48	1.37	0.07	28.77
Solano	PR-8	106.46	12.86	0.52	0.31	4.52	73.50	6.74	0.19	0.78	2.72	0.10	83.69



Pima Gro Systems, Inc.  
A Synagro Technologies Company  
1998 Biosolids Application Sites

County	Site	Acres	Dry Ton/Acre Lifetime	Cumulative Metals Applied (lbs/acre)									
				As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Merced	MTM-2	158	11.62	0.08	0.06	1.98	16.32	2.43	0.09	0.51	1.45	0.14	20.82
Riverside	HURD-1	195.4	14.02	0.13	0.23	3.67	14.5	1.77	0.08	4.43	2.66	0.14	19.48
Riverside	HURD-2	38	3.74	0.06	0.11	2.97	5.99	0.6	0.02	0.3	1.44	0.04	6.98
Riverside	PKA-1	59.2	5.5	0.04	0.39	3.07	20.6	1.75	0.06	1.27	2.51	0.1	26.46
Riverside	RAG-2	66.1	17.33	0.08	0.8	4.09	33.38	3.24	0.07	6.09	4.36	0.27	44.03
Riverside	RAG-3	70.1	18.68	0.1	0.92	5.03	38.66	3.84	0.08	1.21	5.07	0.35	52.21
Riverside	RCN-4	84.3	7.7	0.07	0.18	1.99	11.49	1.17	0.05	0.47	1.91	0.11	13.34
Riverside	RCN-5	54.1	22.65	0.07	0.07	2.35	13.55	2.67	0.24	0.36	1.17	0.08	20.15
Riverside	RDB-1	110	3.96	0.03	0.09	0.9	6.19	0.63	0.03	0.23	0.95	0.04	6.8
Riverside	RDB-2	46	7.09	0.05	0.16	1.63	10.93	1.13	0.05	0.42	1.72	0.08	12.31
Riverside	RDB-4	196	2.59	0.02	0.04	0.5	3.52	0.46	0.02	0.14	0.51	0.03	4.49
Riverside	RDF-3	93	16.87	0.14	0.36	4.67	28.7	2.56	0.16	5.63	4.61	0.2	27.63
Riverside	RDF-6	111	15.45	0.11	0.18	3.31	19.55	4.71	0.15	0.65	2.78	0.15	30.58
Riverside	RPR-1	85.6	15.57	0.09	0.62	3.73	29.68	2.96	0.09	2.84	3.83	0.24	39.45
Riverside	RRM 1-4	100	5.88	0.03	0.12	1.28	8.17	0.8	0.04	2.1	1.12	0.07	10.37
* Solano	DE-1	344	8.44	0.03	0.08	1.32	12.77	1.73	0.05	0.31	0.96	0.05	16.06
Solano	HF-3	320	11.12	0.01	0.12	1.55	11.44	2.12	0.08	0.38	1.06	0.02	20.86
Solano	HF-4	155	17.93	0.01	0.08	2.2	17.93	2.76	0.09	0.65	1.63	0.02	32.34
Solano	PR-4	167	4.8	0.06	0.05	0.88	4.8	0.95	0.03	0.15	0.39	0.02	7.3
Solano	PR-6	105	1.77	0.18	0.16	2.98	17.63	3.15	0.1	0.58	1.33	0.09	25.01
Solano	PR-7	80	12.22	0.15	0.13	2.42	19.51	2.91	0.1	0.43	1.22	0.06	25.66
Solano	PR-8	263	31.77	0.46	0.28	4.03	65.56	6.01	0.17	0.7	2.43	0.09	74.65

**Pima Gro Systems, Inc.**  
**A Synagro Technologies Company**  
**1998 Biosolids Application Site Summary**

County	Field Designation	RWQCB Permit Number	Latitude	Longitude	Acres	Site Owner	Crop(s)
Merced	LF-3	N/A	37° 14' 25"	120° 26' 58"	39	Don Lupton	Alfalfa
Merced	LF-8	N/A	37° 13' 59"	120° 27' 05"	52	Don Lupton	Alfalfa
Merced	LO-1	N/A	37° 15' 56.60"	120° 35' 46.53"	156	Don Lupton	Alfalfa
Merced	LR-2	N/A	37° 10' 43"	120° 31' 39"	160	Don Lupton	Alfalfa
Merced	MTM-2	N/A	37° 11' 34"	120° 33' 00"	158	Tony Machado	Corn
Riverside	HURD-1	N/A	33° 58' 30"	117° 06' 45"	195.4	Gale Ann Hurd	Wheat
Riverside	HURD-2	N/A	33° 58' 30"	117° 06' 12"	38	Gale Ann Hurd	Wheat
Riverside	PKA-1	N/A	33° 25' 40"	116° 49' 36"	59.2	Preston K. Allen	Wheat
Riverside	RAG-2	N/A	33° 55' 25"	117° 06' 43"	66.1	A&G Inc.	Wheat
Riverside	RAG-3	N/A	33° 47' 13"	117° 10' 35"	70.1	A&G Inc.	Wheat
Riverside	RCN-4	N/A	33° 42' 15"	114° 38' 34"	84.3	Cocopah Nurseries	Dateshoots
Riverside	RCN-5	N/A	33° 42' 15"	114° 38' 34"	54.1	Cocopah Nurseries	Dateshoots
Riverside	RDB-1	N/A	N33° 38' 87'	W117° 04' 48"	110	Domenigoni Bros. Ranch	Wheat
Riverside	RDB-2	N/A	N33° 38' 86"	W117° 04' 55"	46	Domenigoni Bros. Ranch	Wheat
Riverside	RDB-4	N/A	N33° 38' 04"	W117° 04' 40"	196	Domenigoni Bros. Ranch	Wheat
Riverside	RDF-3	N/A	33° 51' 35"	117° 05' 04"	93	Richard DeVuyst	Wheat
Riverside	RDF-6	N/A	33° 49' 12"	117° 00' 26"	111	Richard DeVuyst	Wheat
Riverside	RPR-1	N/A	33° 51' 25"	117° 06' 04"	85.6	Warren Kellogg	Wheat
Riverside	RRM 1-4	N/A	33° 50' 00"	117° 04' 01"	100	Robert McGinty	Wheat
Solano	DE-1	N/A	38° 13' 42"	121° 52' 57"	344	Dick Emigh	Pasture
Solano	HF-3	95-14022	38° 12' 46"	121° 46' 39"	320	Hugh Hagen	Wheat
Solano	HF-4	95-14022	38° 12' 46"	121° 46' 12"	155	Hugh Hagen	Wheat
Solano	PR-4	N/A	38° 14' 59"	121° 53' 34"	167	Chester Peterson	Pasture

# CITY OF COLTON

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-CLTN

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
09/27/98	CLTN	584.4	48.07	280.9	RDF6
12/20/98	CLTN	114.4	48.35	55.3	RDB4
-----					
TOTALS		698.8		336.2	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: City of Colton	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 1201 South Rancho Ave	Address: 2015 Park Ave, Suite 7
City: Colton State: CA	City: Redlands State: California
Facility Contact: William Roth Phone: (909) 825-4114	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	09	01		98	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.67	41	Monthly	Composite	EPA 6010
Cadmium	2.0	39	Monthly	Composite	EPA 6010
Copper	414	1500	Monthly	Composite	EPA 6010
Lead	209	300	Monthly	Composite	EPA 6010
Mercury	4.43	17	Monthly	Composite	EPA 7471
Nickel	43	420	Monthly	Composite	EPA 6010
Selenium	3.51	100	Monthly	Composite	EPA 6010
Zinc	978	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: City of Colton	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 1201 South Rancho Ave	Address: 2015 Park Ave, Suite 7
City: Colton State: CA	City: Redlands State: California
Facility Contact: William Roth Phone: (909) 825-4114	Phone: (909) 798-8717 Zip: 92373

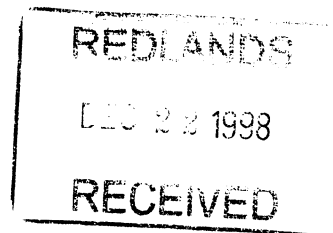
MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	12	01		98	12	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.02	41	Monthly	Composite	EPA 6010
Cadmium	2.0	39	Monthly	Composite	EPA 6010
Copper	442	1500	Monthly	Composite	EPA 6010
Lead	204	300	Monthly	Composite	EPA 6010
Mercury	4.11	17	Monthly	Composite	EPA 7471
Nickel	31	420	Monthly	Composite	EPA 6010
Selenium	4.51	100	Monthly	Composite	EPA 6010
Zinc	1070	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99



Colton Water  
Reclamation Facility  
1201 S. Rancho Ave.  
Colton, CA 92324  
(909) 825-4114

→ TFC 6  
KCH  
KCH

December 18, 1998

Pima Gro Systems, Inc.  
P.O. Box 7547  
Redlands, CA 92375

Enclosed is the Class B sludge certification and the lab analyses of the bio-solids you are hauling.

Also, I have enclosed the Class B sludge certification and lab analyses for the bio-solids you hauled in September 1998, 584.49 wet tons.

Sincerely,

*William F. Roth*

William F. Roth  
Wastewater Utility Manager

WR/tg

- Sign the certification statement.

"I certify under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction reduction requirement in 503.33(b)(1) [insert one of the vector attraction reduction requirements in 503.33(b)(1) through 503.33(b)(8) if one of those requirements is met] have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements [and the vector attraction reduction requirements if applicable] have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

William F. Roth 12-18-98

- Describe how the Class B pathogen requirements are met.

The pathogen requirements were met by air drying the bio-solids in drying beds for a period of over three months with the ambient average temperature over 0° at least two of the three month period.

- If applicable, describe how the vector attraction reduction requirement (1 to 8) is met.

The vector attraction requirements were by anaerobic digestion with a volatile reduction of 38% or more.

## 2. Applicator

If you apply the sludge, and the sludge meets the criteria listed above for pollutants, pathogen requirements, and vector attraction reduction requirements, then the following information should be developed and retained for five years.



## 2. Category 2: No Metal-Related Loading Rate Restrictions, Class B

*This sludge has met pollutant limits that have no metal-related loading rate restrictions, Class B pathogen requirements, and a vector attraction reduction requirement. This sludge can be applied in bulk to agricultural land, forest, or reclamation sites. This sludge cannot be sold or given away in small containers or applied to lawns or home gardens. Sludge that meets the above criteria has more monitoring and recordkeeping requirements associated with it than sludge that meets the more stringent Class A pathogen requirements. If your sludge meets these criteria, the frequency of monitoring and the recordkeeping requirements for you are explained in this section.*

### A. Pollutants

The concentration of all the pollutants in your sludge must be below the limit concentration listed in Table 3 [reference 503.13(b)(3)].

Table 3 Pollutant Limits for No Loading Rates Restrictions		
<u>Pollutant</u>	<u>Limits</u> (mg/kg) <sup>1</sup>	<u>NSSS Mean</u> (mg/kg) <sup>1</sup>
Arsenic	41	9.9
Cadmium	39	6.9
Chromium	1200	119
Copper	1500	741
Lead	300	134
Mercury	17	5.2
Molybdenum	18	9.2
Nickel	420	42
Selenium	36	5.2
Zinc	2800	1202
<sup>1</sup> Dry weight basis.		

The preparer is responsible for the Class B pathogen requirements and vector attraction reduction requirements 1 through 8. If the sludge uses vector attraction reduction requirements 9 or 10, the applicator is responsible for making sure those criteria are met. The applicator is also responsible for the management practices and the site restrictions.

### 1. Preparer

If you prepare the sludge for application, and your sludge meets the criteria listed above for pollutants, pathogen requirements, and vector attraction reduction requirements, then the following information should be developed and retained for five years.

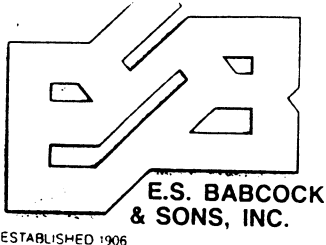
- The concentration of each pollutant.

Pollutant Concentrations	
<u>Pollutant</u>	<u>Concentration</u> (mg/kg) <sup>1</sup>
Arsenic	*ND
Cadmium	5
Chromium	31
Copper	510
Lead	170
Mercury	1.3
Molybdenum	**NT
Nickel	23
Selenium	*ND
Zinc	1100
<sup>1</sup> Dry weight basis.	

Composite of beds being hauled in Dec. 1998

\*ND = Not detected

\*\*NT = Not tested



6100 Quail Valley Court Riverside, CA 92507  
P.O. Box 432 Riverside, CA 92502  
PH (909) 653-3351 FAX (909) 653-1662  
Environmental Laboratory Certification #1156

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** DRY SLUDGE  
**Site:** COLTON WWTP  
**Description:**

**Matrix:** sludge

Page: 1 of 1  
Lab No.: L27266-002

Date Reported: 03/26/97

Collected By: TD  
Date: 03/13/97  
Time: 0735  
Submitted By: K. Snyder  
Date: 03/13/97  
Time: 1315

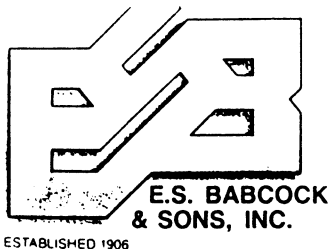
Constituent	Result		Method	RL	Date / Analyst
Total Solids	91.4	%	SM 2540B	0.1	970320/BW
Non Filterable Solids	100.	%	EPA 1311	0.1	970320/BW
Cyanide	3.3	mg/kg	EPA 9010	0.5	970320/LT
Antimony	ND	mg/kg	EPA 6010	5.	970320/CW
Arsenic	ND	mg/kg	EPA 6010	5.	970320/CW
Beryllium	ND	mg/kg	EPA 6010	1.	970320/CW
Cadmium	5.	mg/kg	EPA 6010	1.	970320/CW
Total Chromium	31.	mg/kg	EPA 6010	1.	970320/CW
Copper	510	mg/kg	EPA 6010	1.	970320/CW
Lead	170	mg/kg	EPA 6010	5.	970320/CW
Mercury	1.3	mg/kg	EPA 7471	0.5	970319/CW
Nickel	23.	mg/kg	EPA 6010	1.	970320/CW
Selenium	ND	mg/kg	EPA 6010	5.	970320/CW
Silver	13.	mg/kg	EPA 6010	1.	970320/CW
Thallium	ND	mg/kg	EPA 6010	30	970320/CW
Zinc	1100	mg/kg	EPA 6010	1.	970320/CW

ND = None detected at RL (Reporting Limit). RL units same as result.

Results reported on a dry weight basis.

CC:

E. S. Babcock & Sons Inc.



6100 Quail Valley Court Riverside, CA 92507  
P.O. Box 432 Riverside, CA 92502  
PH (909) 653-3351 FAX (909) 653-1662  
Environmental Laboratory Certification #1156

03/26/97

To: City of Colton  
Attn: Billy Roth  
1201 S. Rancho Ave.  
Colton, CA 92324

Lab No.	L27266-002
Customer No.	987

Client ID: DRY SLUDGE  
Site: COLTON WWTP  
Description:

Submitted	Sampled
K. Snyder	TD
03/13/97	03/13/97
13:15	7:35

**Chlorinated Pesticides and PCB's  
EPA Method 8080**

Parameter	Results (ug/Kg)	RL (ug/Kg)	Parameter	Results (ug/Kg)	RL (ug/Kg)
Aldrin	ND	4.4	Heptachlor	ND	3.3
a-BHC	ND	3.3	Heptachlor epoxide	ND	91
b-BHC	ND	6.6	Kepone	ND	110
Chlordane	ND	15	Lindane	33*	4.4
4,4'-DDD	ND	12	Methoxychlor	ND	200
4,4'-DDE	36*	4.4	Mirex	ND	110
4,4'-DDT	ND	13	Aroclor 1016	ND	110
d-BHC	ND	9.9	Aroclor 1221	ND	110
Dieldrin	ND	2.2	Aroclor 1232	ND	110
Endosulfan I	ND	15	Aroclor 1242	ND	110
Endosulfan II	ND	4.4	Aroclor 1248	ND	110
Endosulfan sulfate	ND	73	Aroclor 1254	ND	110
Endrin	ND	6.6	Aroclor 1260	ND	110
Endrin aldehyde	ND	25	Toxaphene	ND	110

Date extracted: 03/14/97

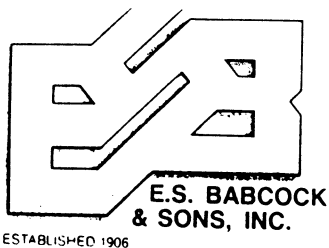
Date analyzed/Analyst: 03/18/97 / DI

ND=None detected at Reporting Limit (RL)

Notes:\* Confirmed on second column. Results reported on a dry weight basis.

cc:

Edward S. Babcock & Sons, Inc.



6100 Quail Valley Court Riverside, CA 92507  
P.O. Box 432 Riverside, CA 92502  
PH (909) 653-3351 FAX (909) 653-1662  
Environmental Laboratory Certification #1156

3/23/97

To: City of Colton  
Attn: Billy Roth  
1201 S. Rancho Ave.  
Colton, CA 92324

Lab No.	L27266-002
Customer No.	987

Client ID: DRY SLUDGE  
Site: COLTON WWTP  
Description:

Submitted	Sampled
K. Snyder	TD
3/13/97	3/13/97
13:15	7:35

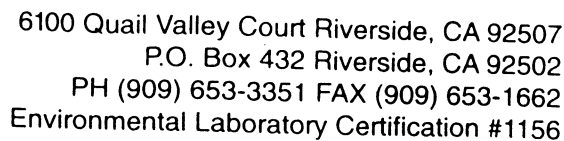
### Purgeable Organic Compounds

#### EPA Method 624

Parameter	Results (ug/kg)	RL (ug/kg)	Parameter	Results (ug/kg)	RL (ug/kg)
1,1,1-Trichloroethane	ND	55	Chloroethane	ND	55
1,1,2,2-Tetrachloroethane	ND	55	Chloroform	ND	55
1,1,2-Trichloroethane	ND	55	Chloromethane	ND	55
1,1-Dichloroethane	ND	55	cis-1,3-Dichloropropene	ND	55
1,1-Dichloroethene	ND	55	Dibromochloromethane	ND	55
1,2-Dichlorobenzene	ND	55	Dichlorodifluoromethane	ND	110
1,2-Dichloroethane	ND	55	Ethylbenzene	ND	55
1,2-Dichloropropane	ND	55	Methylene Chloride	ND	330
1,3-Dichlorobenzene	ND	55	Methyl tert Butyl Ether	ND	550
1,4-Dichlorobenzene	ND	55	trans-1,2-Dichloroethene	ND	55
2-Chloroethylvinyl Ether	ND	110	Tetrachloroethene	ND	55
Acrolein	ND	1100	Toluene	ND	55
Acrylonitrile	ND	1100	trans-1,3-Dichloropropene	ND	55
Benzene	ND	55	Trichloroethene	ND	55
Bromodichloromethane	ND	55	Trichlorofluoromethane	ND	550
Bromoform	ND	55	Vinyl Chloride	ND	55
Bromomethane	ND	55	Xylene (m+p)	ND	55
Carbon Tetrachloride	ND	55	Xylene (ortho)	ND	55
Chlorobenzene	ND	55			

Date analyzed/Analyst: 03/22/97 / HG  
ND=None detected at Reporting Limit (RL)  
Notes: Results reported on dry weight basis.  
cc:

Edward S. Babcock & Sons, Inc.



Lab No.	L27266-002
Customer No.	987

Submitted	Sampled
K.Snyder	TD
3/13/97	3/13/97
13:15	7:35

Edward S. Babcock & Sons, Inc.

The preparer is responsible for the Class B pathogen requirements and vector attraction reduction requirements 1 through 8. If the sludge uses vector attraction reduction requirements 9 or 10, the applicator is responsible for making sure those criteria are met. The applicator is also responsible for the management practices and the site restrictions.

### 1. Preparer

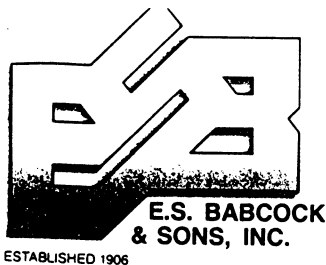
If you prepare the sludge for application, and your sludge meets the criteria listed above for pollutants, pathogen requirements, and vector attraction reduction requirements, then the following information should be developed and retained for five years.

- The concentration of each pollutant.

Pollutant Concentrations	
<u>Pollutant</u>	<u>Concentration</u> (mg/kg) <sup>1</sup>
Arsenic	3
Cadmium	7
Chromium	50
Copper	680
Lead	280
Mercury	4.2
Molybdenum	*NT
Nickel	34
Selenium	5
Zinc	1600
<sup>1</sup> Dry weight basis.	

Composite of beds being hauled in Dec. 1998

\*NT = Not tested



6100 Quail Valley Court Riverside, CA 92507  
P.O. Box 432 Riverside, CA 92502  
PH (909) 653-3351 FAX (909) 653-1662  
Environmental Laboratory Certification #1156

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BEDS  
**Site:** COLTON WWTP  
**Description:** Grab

**Matrix:** sludge

Page: 1 of 1  
Lab No.: L39413-005

Date Reported: 03/30/98

Collected By: TD  
Date: 03/13/98  
Time: 0800  
Submitted By: K. Snyder  
Date: 03/13/98  
Time: 0920

Constituent	Result		Method	RL	Date / Analyst
Total Solids	88.3	%	SM 2540B	0.1	980319/BW
Non Filterable Solids	100.	%	EPA 1311	0.1	980319/BW
Cyanide	10.	mg/kg	EPA 9010	0.5	980319/TF
Antimony	ND	mg/kg	EPA 6010	5.	980319/LT
Arsenic	3.	mg/kg	EPA 6010	1.	980325/DA
Beryllium	ND	mg/kg	EPA 6010	1.	980319/LT
Cadmium	7.	mg/kg	EPA 6010	1.	980319/LT
Total Chromium	50.	mg/kg	EPA 6010	1.	980319/LT
Copper	680	mg/kg	EPA 6010	1.	980319/LT
Lead	280	mg/kg	EPA 6010	5.	980319/LT
Mercury	4.2	mg/kg	EPA 7471	0.5	980319/CW
Nickel	34.	mg/kg	EPA 6010	1.	980319/LT
Selenium	5.	mg/kg	EPA 6010	5.	980319/LT
Silver	44.	mg/kg	EPA 6010	1.	980319/LT
Thallium	ND	mg/kg	EPA 6010	30	980319/LT
Zinc	1600	mg/kg	EPA 6010	1.	980319/LT

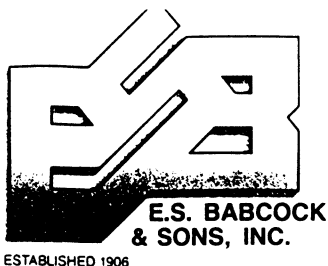
ND = None detected at RL (Reporting Limit). RL units same as result.

Results reported on a dry weight basis.

cc:

E. S. Babcock & Sons Inc.





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P.O. Box 432 Riverside, CA 92502  
PH (909) 653-3351 FAX (909) 653-1662  
Environmental Laboratory Certification #1156

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BEDS  
**Site:** COLTON WWTP  
**Description:** Grab

**Matrix:** sludge

Page: 1  
Lab No.: L39413-005

Date Reported: 03/30/98

Collected By: TD  
Date: 03/13/98  
Time: 0800  
Submitted By: K. Snyder  
Date: 03/13/98  
Time: 0920

**EPA Method 608**

<u>Constituent</u>	<u>Result</u>	<u>RL</u>	<u>Constituent</u>	<u>Result</u>	<u>RL</u>
4'-DDD	ND	ug/kg 1200	Chlordane	ND	ug/kg 1100
4'-DDE	ND	ug/kg 450	d-BHC	ND	ug/kg 1000
4'-DDT	ND	ug/kg 1400	Dieldrin	ND	ug/kg 230
BHC	ND	ug/kg 340	Endosulfan I	ND	ug/kg 1600
Endrin	ND	ug/kg 450	Endosulfan II	ND	ug/kg 450
Endrin 1016	ND	ug/kg 5700	Endosulfan Sulfate	ND	ug/kg 7500
Endrin 1221	ND	ug/kg 5700	Endrin	ND	ug/kg 680
Endrin 1232	ND	ug/kg 5700	Endrin Aldehyde	ND	ug/kg 2600
Endrin 1242	ND	ug/kg 5700	Heptachlor	ND	ug/kg 110
Endrin 1248	ND	ug/kg 5700	Heptachlor Epoxide	ND	ug/kg 110
Endrin 1254	ND	ug/kg 5700	Lindane	ND	ug/kg 450
Endrin 1260	ND	ug/kg 5700	Methoxychlor	ND	ug/kg 20000
HC	ND	ug/kg 680	Toxaphene	ND	ug/kg 11000

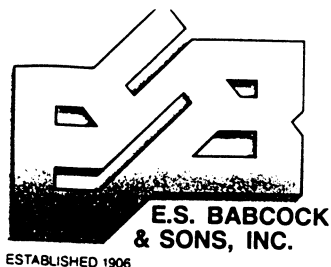
Date analyzed / Analyst: 03-20-98 / HG

ND = None detected at RL (Reporting Limit). RL units same as result.

Sample results reported on 'dry weight' basis.

CC:

E. S. Babcock & Sons Inc.



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P.O. Box 432 Riverside, CA 92502  
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Environmental Laboratory Certification #1156

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BEDS

**Site:** COLTON WWTP

**Description:** Grab

**Matrix:** sludge

Page: 2  
Lab No.: L39413-005

Date Reported: 03/30/98

Collected By: TD

Date: 03/13/98

Time: 0800

Submitted By: K. Snyder

Date: 03/13/98

Time: 0920

**EPA Method 624**

<u>Constituent</u>	<u>Result</u>	<u>RL</u>	<u>Constituent</u>	<u>Result</u>	<u>RL</u>
1,1-Trichloroethane	ND	ug/kg 11.	Chloroform	ND	ug/kg 11.
1,2,2-Tetrachloroethane	ND	ug/kg 11.	Chloromethane	ND	ug/kg 11.
1,2-Trichloroethane	ND	ug/kg 11.	1,1-Dichloroethane	ND	ug/kg 11.
1,3-Dichloropropene	ND	ug/kg 11.	1,1-Dichloroethene	ND	ug/kg 11.
Bromochloromethane	ND	ug/kg 11.	1,2-Dichlorobenzene	ND	ug/kg 11.
Chlorodifluoromethane	ND	ug/kg 23.	1,2-Dichloroethane	ND	ug/kg 11.
Chlorobenzene	ND	ug/kg 11.	1,2-Dichloropropane	ND	ug/kg 11.
Diethyl tert Butyl Ether	ND	ug/kg 110	1,3-Dichlorobenzene	ND	ug/kg 11.
Ethylene Chloride	ND	ug/kg 68.	1,4-Dichlorobenzene	29000	ug/kg 110
Chloroethylvinyl Ether	ND	ug/kg 23.	Tetrachloroethene	ND	ug/kg 11.
Glycerol	ND	ug/kg 230	Toluene	89.	ug/kg 11.
Acrylonitrile	ND	ug/kg 230	trans-1,2-Dichloroethene	ND	ug/kg 11.
Benzene	ND	ug/kg 11.	trans-1,3-Dichloropropene	ND	ug/kg 11.
1,1-Dichloromethane	ND	ug/kg 11.	Trichloroethene	ND	ug/kg 11.
Chloroform	ND	ug/kg 11.	Trichlorofluoromethane	ND	ug/kg 110
Chloromethane	ND	ug/kg 11.	Vinyl Chloride	ND	ug/kg 11.
Carbon Tetrachloride	ND	ug/kg 11.	Xylenes (m+p)	14.	ug/kg 11.
Chlorobenzene	29.	ug/kg 11.	Xylenes (ortho)	ND	ug/kg 11.
1,2-Dichloroethane	ND	ug/kg 11.			

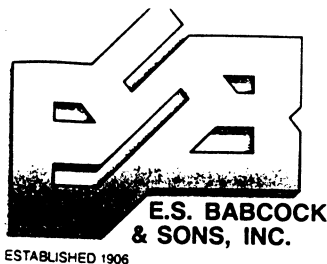
Date analyzed / Analyst: 03-20-98 / DI

ND = None detected at RL (Reporting Limit). RL units same as result.

Results reported on a 'dry weight' basis.

cc:

E. S. Babcock & Sons Inc.



6100 Quail Valley Court Riverside, CA 92507  
P.O. Box 432 Riverside, CA 92502  
PH (909) 653-3351 FAX (909) 653-1662  
Environmental Laboratory Certification #1156

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BEDS  
**Site:** COLTON WWTP  
**Description:** Grab

**Matrix:** sludge

Page: 3  
Lab No.: L39413-005

Date Reported: 03/30/98

Collected By: TD  
Date: 03/13/98  
Time: 0800  
Submitted By: K. Snyder  
Date: 03/13/98  
Time: 0920

**EPA Method 625**

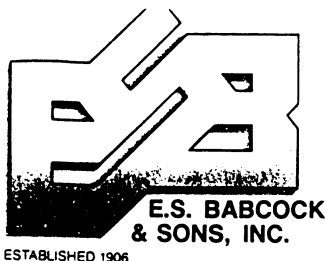
<u>Constituent</u>	<u>Result</u>	<u>RL</u>	<u>Constituent</u>	<u>Result</u>	<u>RL</u>
Benaphthene	ND	mg/kg 10.	Acenaphthylene	ND	mg/kg 10.
Fluoranthene	ND	mg/kg 10.	Aldrin	ND	mg/kg 10.
Benzo(a)anthracene	ND	mg/kg 10.	Benzo(b)fluoranthene	ND	mg/kg 10.
Benzo(k)fluoranthene	ND	mg/kg 10.	Benzo(a)pyrene	ND	mg/kg 10.
Benzo(ghi)perylene	ND	mg/kg 10.	Benzyl butyl phthalate	ND	mg/kg 10.
BHC	ND	mg/kg 10.	d-BHC	ND	mg/kg 10.
Bis(2-chloroethyl)ether	ND	mg/kg 10.	Bis(2-chloroethoxy)methane	ND	mg/kg 10.
Bis(2-ethylhexyl)phthalate	30.	mg/kg 10.	Bis(2-chloroisopropyl)ether	ND	mg/kg 10.
Bromophenyl phenyl ether	ND	mg/kg 10.	Chlordane	ND	mg/kg 10.
Chloronaphthalene	ND	mg/kg 10.	4-Chlorophenyl phenyl ether	ND	mg/kg 10.
Dibenzophenylene	ND	mg/kg 10.	4,4'-DDD	ND	mg/kg 10.
4,4'-DDE	ND	mg/kg 10.	4,4'-DDT	ND	mg/kg 10.
Benzo(a,h)anthracene	ND	mg/kg 10.	Di-n-butylphthalate	ND	mg/kg 10.
1,2-Dichlorobenzene	ND	mg/kg 10.	1,2-Dichlorobenzene	ND	mg/kg 10.
1,4-Dichlorobenzene	ND	mg/kg 10.	3,3'-Dichlorobenzidine	ND	mg/kg 10.
Dieldrin	ND	mg/kg 10.	Diethyl phthalate	ND	mg/kg 10.
Diethyl phthalate	ND	mg/kg 10.	2,4-Dinitrotoluene	ND	mg/kg 10.
1,3-Dinitrotoluene	ND	mg/kg 10.	Di-n-octylphthalate	ND	mg/kg 10.
2-Diphenylhydrazine	ND	mg/kg 10.	Endosulfan Sulfate	ND	mg/kg 10.
Fluoranthene	ND	mg/kg 10.	Fluorene	ND	mg/kg 10.
Heptachlor	ND	mg/kg 10.	Heptachlor Epoxide	ND	mg/kg 10.
Hexachlorobenzene	ND	mg/kg 10.	Hexachlorobutadiene	ND	mg/kg 10.
Hexachloroethane	ND	mg/kg 10.	Indeno(1,2,3-cd)pyrene	ND	mg/kg 10.
Phorone	ND	mg/kg 10.	Naphthalene	ND	mg/kg 10.

Date analyzed / Analyst: 03-24-98 / JS

ND = None detected at RL (Reporting Limit). RL units same as result.

Reported on a dry weight basis.

cc:



6100 Quail Valley Court Riverside, CA 92507  
P.O. Box 432 Riverside, CA 92502  
PH (909) 653-3351 FAX (909) 653-1662  
Environmental Laboratory Certification #1156

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BEDS  
**Site:** COLTON WWTP  
**Description:** Grab

**Matrix:** sludge

Page: 4  
Lab No.: L39413-005

Date Reported: 03/30/98

Collected By: TD  
Date: 03/13/98  
Time: 0800  
Submitted By: K. Snyder  
Date: 03/13/98  
Time: 0920

**EPA Method 625**

<u>Constituent</u>	<u>Result</u>	<u>RL</u>	<u>Constituent</u>	<u>Result</u>	<u>RL</u>
Nitrobenzene	ND	mg/kg 10.	N-Nitrosodi-n-propylamine	ND	mg/kg 10.
Aroclor 1016	ND	mg/kg 50.	Aroclor 1221	ND	mg/kg 50.
Aroclor 1232	ND	mg/kg 50.	Aroclor 1242	ND	mg/kg 50.
Aroclor 1248	ND	mg/kg 50.	Aroclor 1254	ND	mg/kg 50.
Aroclor 1260	ND	mg/kg 50.	Phenanthrene	ND	mg/kg 10.
Biphenylene	ND	mg/kg 10.	Toxaphene	ND	mg/kg 50.
1,4-Trichlorobenzene	ND	mg/kg 10.	4-Chloro-3-methylphenol	ND	mg/kg 10.
2-Chlorophenol	ND	mg/kg 10.	2,4-Dichlorophenol	ND	mg/kg 10.
2,4-Dimethylphenol	ND	mg/kg 10.	2,4-Dinitrophenol	ND	mg/kg 10.
2-Ethyl-4,6-dinitrophenol	ND	mg/kg 10.	2-Nitrophenol	ND	mg/kg 10.
3-Nitrophenol	ND	mg/kg 10.	Pentachlorophenol	ND	mg/kg 10.
4-Nitrophenol	ND	mg/kg 10.	2,4,6-Trichlorophenol	ND	mg/kg 10.
Phenylhydrazine	ND	mg/kg 10.	a-BHC	ND	mg/kg 10.
γ-HCH	ND	mg/kg 10.	Endosulfan I	ND	mg/kg 10.
Endosulfan II	ND	mg/kg 10.	Endrin	ND	mg/kg 10.
Hexachlorocyclopentadiene	ND	mg/kg 10.	N-Nitrosodimethylamine	ND	mg/kg 10.
N-Nitrosodiphenylamine	ND	mg/kg 10.			

Date analyzed / Analyst: 03-24-98 / JS

ND = None detected at RL (Reporting Limit). RL units same as result.

Reported on a dry weight basis.

CC:

E. S. Babcock & Sons Inc.

# COLTON SOLIDS DISPOSAL REPORT

JANUARY - DECEMBER 1998

MONTH	BIOSOLIDS WET TONS	GRIT CU/YDS	SCREENINGS CU/YDS
JAN.	0	0	12
FEB.	0	0	12
MAR.	0	0	12
APR.	0	0	12
MAY.	0	0	12
JUN.	0	0	12
JUL.	0	0	12
AUG.	0	0	12
SEP.	584.49	60	12
OCT.	0	0	12
NOV.	0	0	12
DEC.			
TOTAL	584.49	60	132

## DESTINATION OF SOLIDS

HAULER	TYPE	USE	DESTINATION
PIMA GRO SYSTEMS INC.	BIOSOLIDS	LAND APPLICATION	PIMA GRO SYSTEMS, INC. 2015 PARK AVE., SUITE 7 REDLANDS, CA. 92373
COLTON DISPOSAL	SCREENINGS & GRIT	LAND FILL	COUNTY LAND FILL 850 TROPICA RANCHO RD. COLTON, CA. 92324

The 60 cu/yd's of grit was removed from the grit tanks but is stockpiled on site.  
We will begin hauling it, along with the grit removed from the digester, to the County Land Fill in January 1999.

- Sign the certification statement.

"I certify under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction reduction requirement in 503.33(b)(1) [insert one of the vector attraction reduction requirements in 503.33(b)(1) through 503.33(b)(8) if one of those requirements is met] have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements [and the vector attraction reduction requirements if applicable] have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

William F. Rott 12-18-98

- Describe how the Class B pathogen requirements are met.

The pathogen requirements were met by air drying the bio-solids in drying  
beds for a period of over three months with the ambient average temperature  
over 0° at least two of the three month period.

- If applicable, describe how the vector attraction reduction requirement (1 to 8) is met.

The vector attraction requirements were by anaerobic digestion  
with a volatile reduction of 38% or more.

## 2. Applicator

If you apply the sludge, and the sludge meets the criteria listed above for pollutants, pathogen requirements, and vector attraction reduction requirements, then the following information should be developed and retained for five years.

The preparer is responsible for the Class B pathogen requirements and vector attraction reduction requirements 1 through 8. If the sludge uses vector attraction reduction requirements 9 or 10, the applicator is responsible for making sure those criteria are met. The applicator is also responsible for the management practices and the site restrictions.

### 1. Preparer

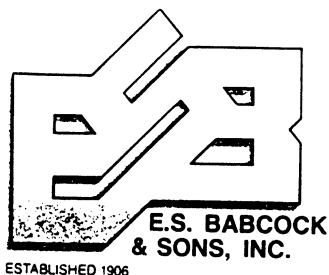
If you prepare the sludge for application, and your sludge meets the criteria listed above for pollutants, pathogen requirements, and vector attraction reduction requirements, then the following information should be developed and retained for five years.

- The concentration of each pollutant.

Pollutant Concentrations	
<u>Pollutant</u>	<u>Concentration</u> (mg/kg) <sup>1</sup>
Arsenic	15
Cadmium	7
Chromium	66
Copper	440
Lead	270
Mercury	2.2
Molybdenum	5
Nickel	59
Selenium	*ND
Zinc	1500
<sup>1</sup> Dry weight basis.	

Bed 8, sludge hauled in Sep. 1998

\*ND = Not detected



Environmental Laboratory Certification #1156  
6100 Quail Valley Court Riverside, CA 92507-0704  
P.O. Box 432 Riverside, CA 92502-0432  
PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BED #8  
**Site:** COLTON WWTP  
**Description:** Dry Grab

**Matrix:** sludge

Page: 1 of 1  
Lab No.: L45933-006

Date Reported: 10/06/98

Collected By: TD  
Date: 09/15/98  
Time: 0720  
Submitted By: K. Snyder  
Date: 09/15/98  
Time: 1010

Constituent	Result		Method	RL	Date / Analyst
Total Solids	97.0	%	SM 2540B	0.1	980923/BW
Non Filterable Solids	100.	%	EPA 1311	0.1	980923/BW
Cyanide	31.	mg/kg	EPA 9010	0.5	980925/LT
Antimony	ND	mg/kg	EPA 6010	5.	980922/LT
Arsenic	15.	mg/kg	EPA 6010	5.	980922/LT
Beryllium	ND	mg/kg	EPA 6010	1.	980922/LT
Cadmium	7.	mg/kg	EPA 6010	1.	980922/LT
Total Chromium	66.	mg/kg	EPA 6010	1.	980922/LT
Copper	440	mg/kg	EPA 6010	1.	980922/LT
Lead	270	mg/kg	EPA 6010	5.	980922/LT
Mercury	2.2	mg/kg	EPA 7471	0.5	980916/CW
Molybdenum	5.	mg/kg	EPA 6010	1.	980922/LT
Nickel	59.	mg/kg	EPA 6010	1.	980922/LT
Selenium	ND	mg/kg	EPA 6010	5.	980922/LT
Silver	5.	mg/kg	EPA 6010	1.	980922/LT
Thallium	ND	mg/kg	EPA 6010	30	980922/LT
Zinc	1500	mg/kg	EPA 6010	1.	980922/LT

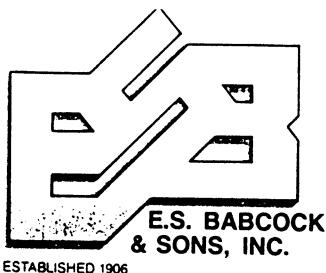
ND = None detected at RL (Reporting Limit). RL units same as result.

Results reported on a dry weight basis.

cc:

E.S. Babcock & Sons Inc.





Environmental Laboratory Certification #1156  
6100 Quail Valley Court Riverside, CA 92507-0704  
P.O. Box 432 Riverside, CA 92502-0432  
PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BED #8

**Site:** COLTON WWTP

**Description:** Dry Grab

**Matrix:** sludge

Page: 1  
Lab No.: L45933-006

Date Reported: 10/06/1998

Collected By: TD

Date: 09/15/1998

Time: 0720

Submitted By: K. Snyder

Date: 09/15/1998

Time: 1010

**EPA Method 608**

<u>Constituent</u>	<u>Result</u>	<u>RL</u>	<u>Constituent</u>	<u>Result</u>	<u>RL</u>
DDD	ND	ug/kg 110	Chlordane	ND	ug/kg 100
DDE	ND	ug/kg 41.	d-BHC	ND	ug/kg 93.
DDT	ND	ug/kg 120	Dieldrin	ND	ug/kg 21.
BHC	ND	ug/kg 31.	Endosulfan I	ND	ug/kg 140
rin	ND	ug/kg 41.	Endosulfan II	ND	ug/kg 41.
clor 1016	ND	ug/kg 520	Endosulfan Sulfate	ND	ug/kg 680
oclor 1221	ND	ug/kg 520	Endrin	ND	ug/kg 62.
oclor 1232	ND	ug/kg 520	Endrin Aldehyde	ND	ug/kg 240
clor 1242	ND	ug/kg 520	Heptachlor	ND	ug/kg 10.
clor 1248	ND	ug/kg 520	Heptachlor Epoxide	ND	ug/kg 10.
oclor 1254	ND	ug/kg 520	Lindane	ND	ug/kg 41.
oclor 1260	ND	ug/kg 520	Methoxychlor	ND	ug/kg 1900
HC	ND	ug/kg 62.	Toxaphene	ND	ug/kg 1000

Date analyzed / Analyst: 09-22-1998 / SML

ND = None detected at RL (Reporting Limit). RL units same as result.

Results reported on a 'dry weight' basis.

cc:

E.S. Babcock & Sons Inc.



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6100 Quail Valley Court Riverside, CA 92507-0704  
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e-mail: esbsales@aol.com  
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987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BED #8  
**Site:** COLTON WWTP  
**Description:** Dry Grab

**Matrix:** sludge

Page: 2  
Lab No.: L45933-006

Date Reported: 10/06/1998

Collected By: TD  
Date: 09/15/1998  
Time: 0720  
Submitted By: K. Snyder  
Date: 09/15/1998  
Time: 1010

**EPA Method 624**

<u>Constituent</u>	<u>Result</u>	<u>RL</u>	<u>Constituent</u>	<u>Result</u>	<u>RL</u>
1,1-Trichloroethane	ND	ug/kg 21.	Chloroform	ND	ug/kg 21.
1,2,2-Tetrachloroethane	ND	ug/kg 21.	Chloromethane	ND	ug/kg 21.
1,2-Trichloroethane	ND	ug/kg 21.	1,1-Dichloroethane	ND	ug/kg 21.
1,3-Dichloropropene	ND	ug/kg 21.	1,1-Dichloroethene	ND	ug/kg 21.
Bromochloromethane	ND	ug/kg 21.	1,2-Dichlorobenzene	ND	ug/kg 21.
Chlorodifluoromethane	ND	ug/kg 41.	1,2-Dichloroethane	ND	ug/kg 21.
Toluene	ND	ug/kg 21.	1,2-Dichloropropane	ND	ug/kg 21.
tert Butyl Ether	ND	ug/kg 210	1,3-Dichlorobenzene	ND	ug/kg 21.
Ethylene Chloride	ND	ug/kg 120	1,4-Dichlorobenzene	ND	ug/kg 21.
Chloroethylvinyl Ether	ND	ug/kg 41.	Tetrachloroethene	ND	ug/kg 21.
Protein	ND	ug/kg 410	Toluene	24.	ug/kg 21.
Acrylonitrile	ND	ug/kg 410	trans-1,2-Dichloroethene	ND	ug/kg 21.
Benzene	ND	ug/kg 21.	trans-1,3-Dichloropropene	ND	ug/kg 21.
1,1-Dichloromethane	ND	ug/kg 21.	Trichloroethene	ND	ug/kg 21.
Chloroform	ND	ug/kg 21.	Trichlorofluoromethane	ND	ug/kg 210
Chloromethane	ND	ug/kg 21.	Vinyl Chloride	ND	ug/kg 21.
Carbon Tetrachloride	ND	ug/kg 21.	Xylenes (m+p)	ND	ug/kg 21.
Chlorobenzene	ND	ug/kg 21.	Xylenes (ortho)	ND	ug/kg 21.
1,1-Dichloroethane	ND	ug/kg 21.			

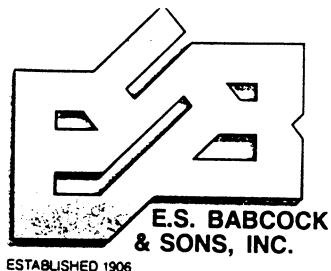
Date analyzed / Analyst: 09-23-1998 / HG

ND = None detected at RL (Reporting Limit). RL units same as result.

Results reported on a 'dry weight' basis.

cc:

E. S. Babcock & Sons Inc.



Environmental Laboratory Certification #1156  
6100 Quail Valley Court Riverside, CA 92507-0704  
P.O. Box 432 Riverside, CA 92502-0432  
PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BED #8  
**Site:** COLTON WWTP  
**Description:** Dry Grab

**Matrix:** sludge

Page: 3  
Lab No.: L45933-006

Date Reported: 10/06/1998

Collected By: TD  
Date: 09/15/1998  
Time: 0720  
Submitted By: K. Snyder  
Date: 09/15/1998  
Time: 1010

**EPA Method 625**

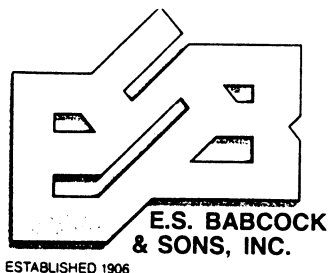
<u>Constituent</u>	<u>Result</u>	<u>RL</u>	<u>Constituent</u>	<u>Result</u>	<u>RL</u>
Acenaphthene	ND	mg/kg 10.	Acenaphthylene	ND	mg/kg 10.
Acenaphthene	ND	mg/kg 10.	Aldrin	ND	mg/kg 10.
Benzo(a)anthracene	ND	mg/kg 10.	Benzo(b)fluoranthene	ND	mg/kg 10.
Benzo(k)fluoranthene	ND	mg/kg 10.	Benzo(a)pyrene	ND	mg/kg 10.
Benzo(ghi)perylene	ND	mg/kg 10.	Benzyl butyl phthalate	ND	mg/kg 10.
BHC	ND	mg/kg 10.	d-BHC	ND	mg/kg 10.
Bis(2-chloroethyl)ether	ND	mg/kg 10.	Bis(2-chloroethoxy)methane	ND	mg/kg 10.
Bis(2-ethylhexyl)phthalate	12.	mg/kg 10.	Bis(2-chloroisopropyl)ether	ND	mg/kg 10.
Bromophenyl phenyl ether	ND	mg/kg 10.	Chlordane	ND	mg/kg 10.
Chloronaphthalene	ND	mg/kg 10.	4-Chlorophenyl phenyl ether	ND	mg/kg 10.
Dibenz(a,h)anthracene	ND	mg/kg 10.	4,4'-DDD	ND	mg/kg 10.
4'-DDE	ND	mg/kg 10.	4,4'-DDT	ND	mg/kg 10.
Benzo(a,h)anthracene	ND	mg/kg 10.	Di-n-butylphthalate	ND	mg/kg 10.
1,2-Dichlorobenzene	ND	mg/kg 10.	1,2-Dichlorobenzene	ND	mg/kg 10.
3,4-Dichlorobenzene	ND	mg/kg 10.	3,3'-Dichlorobenzidine	ND	mg/kg 10.
Dieldrin	ND	mg/kg 10.	Diethyl phthalate	ND	mg/kg 10.
Diethyl phthalate	ND	mg/kg 10.	2,4-Dinitrotoluene	ND	mg/kg 10.
2,6-Dinitrotoluene	ND	mg/kg 10.	Di-n-octylphthalate	ND	mg/kg 10.
2-Diphenylhydrazine	ND	mg/kg 10.	Endosulfan Sulfate	ND	mg/kg 10.
Fluoranthene	ND	mg/kg 10.	Fluorene	ND	mg/kg 10.
Heptachlor	ND	mg/kg 10.	Heptachlor Epoxide	ND	mg/kg 10.
Hexachlorobenzene	ND	mg/kg 10.	Hexachlorobutadiene	ND	mg/kg 10.
Hexachloroethane	ND	mg/kg 10.	Indeno(1,2,3-cd)pyrene	ND	mg/kg 10.
Phorone	ND	mg/kg 10.	Naphthalene	ND	mg/kg 10.

Date analyzed / Analyst: 09-22-1998 / JS

ND = None detected at RL (Reporting Limit). RL units same as result.

Results reported on 'dry weight' basis.

cc:



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987-1

**Client:**

City of Colton  
Billy Roth  
1201 S. Rancho Ave.

Colton, CA 92324

**Client I.D.:** SLUDGE BED #8

**Site:** COLTON WWTP

**Description:** Dry Grab

**Matrix:** sludge

Page: 4  
Lab No.: L45933-006

Date Reported: 10/06/1998

Collected By: TD

Date: 09/15/1998

Time: 0720

Submitted By: K. Snyder

Date: 09/15/1998

Time: 1010

**EPA Method 625**

<u>Constituent</u>	<u>Result</u>	<u>RL</u>	<u>Constituent</u>	<u>Result</u>	<u>RL</u>
Monobenzene	ND	mg/kg 10.	N-Nitrosodi-n-propylamine	ND	mg/kg 10.
Aroclor 1016	ND	mg/kg 52.	Aroclor 1221	ND	mg/kg 52.
Aroclor 1232	ND	mg/kg 52.	Aroclor 1242	ND	mg/kg 52.
Aroclor 1248	ND	mg/kg 52.	Aroclor 1254	ND	mg/kg 52.
Aroclor 1260	ND	mg/kg 52.	Phenanthrene	ND	mg/kg 10.
Benzene	ND	mg/kg 10.	Toxaphene	ND	mg/kg 52.
1,2,4-Trichlorobenzene	ND	mg/kg 10.	4-Chloro-3-methylphenol	ND	mg/kg 10.
2-Chlorophenol	ND	mg/kg 10.	2,4-Dichlorophenol	ND	mg/kg 10.
1-Dimethylphenol	ND	mg/kg 10.	2,4-Dinitrophenol	ND	mg/kg 10.
1-Methyl-4,6-dinitrophenol	ND	mg/kg 10.	2-Nitrophenol	ND	mg/kg 10.
3-Nitrophenol	ND	mg/kg 10.	Pentachlorophenol	ND	mg/kg 10.
Phenol	ND	mg/kg 10.	2,4,6-Trichlorophenol	ND	mg/kg 10.
Pyridine	ND	mg/kg 10.	a-BHC	ND	mg/kg 10.
γ-BHC	ND	mg/kg 10.	Endosulfan I	ND	mg/kg 10.
Endosulfan II	ND	mg/kg 10.	Endrin	ND	mg/kg 10.
1,2,3-Trichlorocyclopentadiene	ND	mg/kg 10.	N-Nitrosodimethylamine	ND	mg/kg 10.
N-Nitrosodiphenylamine	ND	mg/kg 10.			

Date analyzed / Analyst: 09-22-1998 / JS

ND = None detected at RL (Reporting Limit). RL units same as result.

Results reported on 'dry weight' basis.

cc:

E. S. Babcock & Sons Inc.

# CITY OF CORONA

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-CORN

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
05/24/98	CORN	98.3	25.63	25.2	RAG3
05/31/98	CORN	115.6	25.63	29.6	RAG3
06/07/98	CORN	146.3	25.63	37.5	RAG3
06/21/98	CORN	159.4	25.63	40.9	HURD1
06/21/98	CORN	185.7	25.63	47.6	RAG3
06/28/98	CORN	180.8	25.63	46.3	HURD1
07/19/98	CORN	44.1	25.63	11.3	AR4
07/19/98	CORN	1440.8	25.63	369.3	HURD1
07/26/98	CORN	187.0	25.63	47.9	RAG2
08/02/98	CORN	175.6	14.69	25.8	RDF3
09/06/98	CORN	486.2	15.19	73.9	RDF3
10/04/98	CORN	402.1	14.84	59.7	RDF6
10/18/98	CORN	179.0	14.84	26.6	RAG2
10/18/98	CORN	160.2	14.84	23.8	RPR1
11/01/98	CORN	252.4	21.12	53.3	RPR1
11/08/98	CORN	187.3	21.12	39.6	RPR1
11/15/98	CORN	85.6	21.12	18.1	RRM1-4
<hr/>					
TOTALS		4486.4		976.4	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

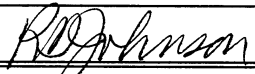
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: City of Corona	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 815 W. Sixth Street	Address: 2015 Park Ave, Suite 7
City: Corona State: CA	City: Redlands State: California
Facility Contact: Hamid Ali Phone: (909) 736-2305	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	05	01		98	05	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.05	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Copper	889	1500	Monthly	Composite	EPA 6010
Lead	37	300	Monthly	Composite	EPA 6010
Mercury	3.89	17	Monthly	Composite	EPA 7471
Nickel	17	420	Monthly	Composite	EPA 6010
Selenium	11.01	100	Monthly	Composite	EPA 6010
Zinc	768	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 8/4/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: City of Corona	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 815 W. Sixth Street	Address: 2015 Park Ave, Suite 7
City: Corona State: CA	City: Redlands State: California
Facility Contact: Hamid Ali Phone: (909) 736-2305	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	06	01		98	06	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.05	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Copper	889	1500	Monthly	Composite	EPA 6010
Lead	37	300	Monthly	Composite	EPA 6010
Mercury	3.89	17	Monthly	Composite	EPA 7471
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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/12/99



# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

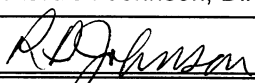
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: City of Corona	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 815 W. Sixth Street	Address: 2015 Park Ave, Suite 7
City: Corona State: CA	City: Redlands State: California
Facility Contact: Hamid Ali Phone: (909) 736-2305	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	07	01		98	07	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.05	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Copper	889	1500	Monthly	Composite	EPA 6010
Lead	37	300	Monthly	Composite	EPA 6010
Mercury	3.89	17	Monthly	Composite	EPA 7471
Nickel	17	420	Monthly	Composite	EPA 6010
Selenium	11.01	100	Monthly	Composite	EPA 6010
Zinc	768	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: City of Corona	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 815 W. Sixth Street	Address: 2015 Park Ave, Suite 7
City: Corona State: CA	City: Redlands State: California
Facility Contact: Hamid Ali Phone: (909) 736-2305	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	08	01		98	08	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.05	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Copper	889	1500	Monthly	Composite	EPA 6010
Lead	37	300	Monthly	Composite	EPA 6010
Mercury	3.89	17	Monthly	Composite	EPA 7471
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Zinc	768	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: City of Corona				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: 815 W. Sixth Street				Address: 2015 Park Ave, Suite 7			
City: Corona		State: CA		City: Redlands		State: California	
Facility Contact: Hamid Ali		Phone: (909) 736-2305		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	09	01	TO	98	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.19	41	Monthly	Composite	EPA 6010
Cadmium	6.0	39	Monthly	Composite	EPA 6010
Copper	908	1500	Monthly	Composite	EPA 6010
Lead	73	300	Monthly	Composite	EPA 6010
Mercury	4.86	17	Monthly	Composite	EPA 7471
Nickel	64	420	Monthly	Composite	EPA 6010
Selenium	9.27	100	Monthly	Composite	EPA 6010
Zinc	956	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

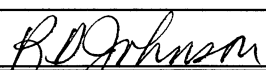
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: City of Corona Address: 815 W. Sixth Street City: Corona State: CA Facility Contact: Hamid Ali Phone: (909) 736-2305	Facility Owner's Name: Pima Gro Systems, Inc. Address: 2015 Park Ave, Suite 7 City: Redlands State: California Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	10	01		98	10	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5.85	41	Monthly	Composite	EPA 6010
Cadmium	2.0	39	Monthly	Composite	EPA 6010
Copper	940	1500	Monthly	Composite	EPA 6010
Lead	44	300	Monthly	Composite	EPA 6010
Mercury	3.32	17	Monthly	Composite	EPA 7471
Nickel	28	420	Monthly	Composite	EPA 6010
Selenium	11.73	100	Monthly	Composite	EPA 6010
Zinc	718	2800	Monthly	Composite	EPA 6010

CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: City of Corona				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: 815 W. Sixth Street				Address: 2015 Park Ave, Suite 7			
City: Corona		State: CA		City: Redlands		State: California	
Facility Contact: Hamid Ali		Phone: (909) 736-2305		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	11	01	TO	98	11	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.18	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Copper	530	1500	Monthly	Composite	EPA 6010
Lead	40	300	Monthly	Composite	EPA 6010
Mercury	5.98	17	Monthly	Composite	EPA 7471
Nickel	25	420	Monthly	Composite	EPA 6010
Selenium	9.62	100	Monthly	Composite	EPA 6010
Zinc	725	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99

# COUNTY SANITATION DISTRICTS OF ORANGE COUNTY #1

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 29, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/03/99	OC1	311.3	0.00	0.0	RDB1
01/03/99	OC1	345.0	0.00	0.0	RDB2
01/11/98	OC1	264.0	23.27	61.4	BG6
01/18/98	OC1	600.6	23.27	139.8	BG18
01/25/98	OC1	156.4	23.27	36.4	BG18
01/25/98	OC1	182.4	23.27	42.4	BG22
01/25/98	OC1	366.6	23.27	85.3	BG24
02/01/98	OC1	1434.7	23.27	333.9	BG24
02/22/98	OC1	154.4	21.06	32.5	HURD2
03/08/98	OC1	155.9	21.06	32.8	BG24
03/22/98	OC1	414.1	21.06	87.2	GD10
03/29/98	OC1	179.2	21.06	37.7	GD19
04/12/98	OC1	182.6	21.02	38.4	RCN4
04/19/98	OC1	334.1	21.02	70.2	RCN4
04/19/98	OC1	76.4	21.02	16.1	RCN5
05/03/98	OC1	388.3	21.02	81.6	GD19
05/24/98	OC1	333.7	22.81	76.1	GD19
05/24/98	OC1	229.3	22.81	52.3	GD3
05/31/98	OC1	491.1	22.81	112.0	GD3
06/07/98	OC1	360.2	25.49	91.8	GD3
06/07/98	OC1	128.9	25.49	32.9	GD4
06/14/98	OC1	556.4	25.49	141.8	GD4
06/21/98	OC1	465.7	25.49	118.7	GD4
06/21/98	OC1	23.4	25.49	6.0	HURD1
06/28/98	OC1	102.6	25.49	26.2	AR4
06/28/98	OC1	331.8	25.49	84.6	GD17
07/26/98	OC1	1394.0	25.49	355.3	AR4
07/26/98	OC1	126.6	25.49	32.3	RAG2
08/02/98	OC1	403.9	22.43	90.6	GD18
08/02/98	OC1	174.8	22.43	39.2	RDF3
08/16/98	OC1	409.3	22.43	91.8	GD20
08/23/98	OC1	229.0	22.43	51.4	GD20
08/23/98	OC1	205.4	22.43	46.1	RDF3

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 29, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
08/30/98	OC1	305.6	22.43	68.5	GD2
08/30/98	OC1	608.8	22.43	136.6	RDF3
09/06/98	OC1	253.7	22.44	56.9	GD2
09/06/98	OC1	50.7	22.44	11.4	RDF3
09/27/98	OC1	741.8	22.44	166.5	GD1
10/04/98	OC1	279.1	24.33	67.9	GD5
10/04/98	OC1	24.8	24.33	6.0	RAG2
10/04/98	OC1	452.2	24.33	110.0	RDF6
10/11/98	OC1	227.1	24.33	55.3	RAG2
10/18/98	OC1	430.0	24.33	104.6	GD5
10/18/98	OC1	402.8	24.33	98.0	RPR1
10/25/98	OC1	25.2	24.33	6.1	GD5
10/25/98	OC1	377.8	24.33	91.9	RPR1
11/01/98	OC1	377.8	42.64	161.1	RPR1
11/08/98	OC1	457.5	42.64	195.1	RPR1
11/15/98	OC1	388.1	42.64	165.5	RRM1-4
11/22/98	OC1	287.8	42.64	122.7	PKA1
11/22/98	OC1	97.5	42.64	41.6	RDF3
11/29/98	OC1	144.2	42.64	61.5	HURD1
11/29/98	OC1	20.6	42.64	8.8	PKA1
11/29/98	OC1	97.1	42.64	41.4	RDF3
12/13/98	OC1	384.5	21.18	81.4	RDB4
12/20/98	OC1	384.5	21.18	81.4	RDB4
12/27/98	OC1	311.3	21.18	65.9	RDB1
TOTALS		18,642.6		4550.9	



PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-OC1KP

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
02/15/98	OC1KP	288.3	21.06	60.7	BG23
06/07/98	OC1KP	498.4	22.81	113.7	GD17
06/07/98	OC1KP	224.6	22.81	51.2	GD3
07/19/98	OC1KP	598.4	25.49	152.5	AR4
08/02/98	OC1KP	417.2	0.00	0.0	GD18
-----					
TOTALS		2026.9		378.1	

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County # 1				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day			Year	Month
98	01	01	<b>TO</b>		98	01
						31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5.01	41	Monthly	Composite	EPA 6010
Cadmium	13.0	39	Monthly	Composite	EPA 6010
Copper	900	1500	Monthly	Composite	EPA 6010
Lead	90	300	Monthly	Composite	EPA 6010
Mercury	3.65	17	Monthly	Composite	EPA 7471
Nickel	140	420	Monthly	Composite	EPA 6010
Selenium	1.17	100	Monthly	Composite	EPA 6010
Zinc	838	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	02	01		98	02	28

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	6.96	41	Monthly	Composite	EPA 6010
Cadmium	13.0	39	Monthly	Composite	EPA 6010
Copper	754	1500	Monthly	Composite	EPA 6010
Lead	97	300	Monthly	Composite	EPA 6010
Mercury	2.82	17	Monthly	Composite	EPA 7471
Nickel	153	420	Monthly	Composite	EPA 6010
Selenium	7.68	100	Monthly	Composite	EPA 6010
Zinc	922	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/1/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

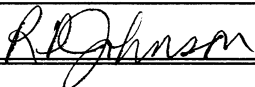
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	03	01		98	03	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	6.96	41	Monthly	Composite	EPA 6010
Cadmium	13.0	39	Monthly	Composite	EPA 6010
Copper	754	1500	Monthly	Composite	EPA 6010
Lead	97	300	Monthly	Composite	EPA 6010
Mercury	2.82	17	Monthly	Composite	EPA 7471
Nickel	153	420	Monthly	Composite	EPA 6010
Selenium	7.68	100	Monthly	Composite	EPA 6010
Zinc	922	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	04	01		98	04	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5.17	41	Monthly	Composite	EPA 6010
Cadmium	18.0	39	Monthly	Composite	EPA 6010
Copper	850	1500	Monthly	Composite	EPA 6010
Lead	91	300	Monthly	Composite	EPA 6010
Mercury	3.80	17	Monthly	Composite	EPA 7471
Nickel	149	420	Monthly	Composite	EPA 6010
Selenium	8.23	100	Monthly	Composite	EPA 6010
Zinc	839	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

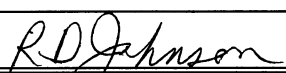
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	05	01		98	05	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.44	41	Monthly	Composite	EPA 6010
Cadmium	18.0	39	Monthly	Composite	EPA 6010
Copper	938	1500	Monthly	Composite	EPA 6010
Lead	107	300	Monthly	Composite	EPA 6010
Mercury	4.00	17	Monthly	Composite	EPA 7471
Nickel	149	420	Monthly	Composite	EPA 6010
Selenium	6.94	100	Monthly	Composite	EPA 6010
Zinc	928	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County # 1				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	06	01	TO	98	06	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.04	41	Monthly	Composite	EPA 6010
Cadmium	20.0	39	Monthly	Composite	EPA 6010
Copper	903	1500	Monthly	Composite	EPA 6010
Lead	97	300	Monthly	Composite	EPA 6010
Mercury	4.85	17	Monthly	Composite	EPA 7471
Nickel	140	420	Monthly	Composite	EPA 6010
Selenium	6.79	100	Monthly	Composite	EPA 6010
Zinc	886	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	07	01		98	07	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.04	41	Monthly	Composite	EPA 6010
Cadmium	20.0	39	Monthly	Composite	EPA 6010
Copper	903	1500	Monthly	Composite	EPA 6010
Lead	97	300	Monthly	Composite	EPA 6010
Mercury	4.85	17	Monthly	Composite	EPA 7471
Nickel	140	420	Monthly	Composite	EPA 6010
Selenium	6.79	100	Monthly	Composite	EPA 6010
Zinc	886	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/4/99



## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

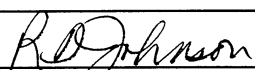
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	08	01		98	08	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.26	41	Monthly	Composite	EPA 6010
Cadmium	15.0	39	Monthly	Composite	EPA 6010
Copper	1020	1500	Monthly	Composite	EPA 6010
Lead	96	300	Monthly	Composite	EPA 6010
Mercury	4.29	17	Monthly	Composite	EPA 7471
Nickel	158	420	Monthly	Composite	EPA 6010
Selenium	7.70	100	Monthly	Composite	EPA 6010
Zinc	996	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/14/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	09	01		98	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.26	41	Monthly	Composite	EPA 6010
Cadmium	15.0	39	Monthly	Composite	EPA 6010
Copper	1020	1500	Monthly	Composite	EPA 6010
Lead	96	300	Monthly	Composite	EPA 6010
Mercury	4.29	17	Monthly	Composite	EPA 7471
Nickel	158	420	Monthly	Composite	EPA 6010
Selenium	7.70	100	Monthly	Composite	EPA 6010
Zinc	996	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County # 1				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	10	01		98	10	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.66	41	Monthly	Composite	EPA 6010
Cadmium	18.0	39	Monthly	Composite	EPA 6010
Copper	916	1500	Monthly	Composite	EPA 6010
Lead	90	300	Monthly	Composite	EPA 6010
Mercury	4.19	17	Monthly	Composite	EPA 7471
Nickel	140	420	Monthly	Composite	EPA 6010
Selenium	4.20	100	Monthly	Composite	EPA 6010
Zinc	906	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717 x4
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County # 1				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	11	01	TO	98	11	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.63	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	272	1500	Monthly	Composite	EPA 6010
Lead	40	300	Monthly	Composite	EPA 6010
Mercury	1.47	17	Monthly	Composite	EPA 7471
Nickel	42	420	Monthly	Composite	EPA 6010
Selenium	2.19	100	Monthly	Composite	EPA 6010
Zinc	392	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

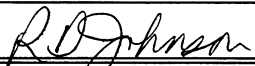
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	12	01		98	12	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.30	41	Monthly	Composite	EPA 6010
Cadmium	16.0	39	Monthly	Composite	EPA 6010
Copper	906	1500	Monthly	Composite	EPA 6010
Lead	85	300	Monthly	Composite	EPA 6010
Mercury	3.22	17	Monthly	Composite	EPA 7471
Nickel	130	420	Monthly	Composite	EPA 6010
Selenium	6.15	100	Monthly	Composite	EPA 6010
Zinc	847	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/14/99

## FAX TRANSMITTAL

FROM: Tom B. Meregillano

Title: \_\_\_\_\_

ORANGE COUNTY  
SANITATION DISTRICT  
10844 ELLIS AVENUE  
FOUNTAIN VALLEY, CA 92708  
714/962-2411 PHONE  
714/962-2591 FAX

DATE: 1/22/99

TO: <u>William Carroll</u>	COMPANY: <u>Pima Gro</u>	FAX: <u>(909) 793-9554</u>
----------------------------	--------------------------	----------------------------

SUBJECT: <u>NANI CERTIFICATION</u>
------------------------------------

PRIORITY: <input checked="" type="checkbox"/> URGENT <input type="checkbox"/> PER YOUR REQUEST <input type="checkbox"/> FYI <input type="checkbox"/> PER OUR CONVERSATION <input type="checkbox"/> ROUTINE
ROUTE OR FORWARD TO:
MESSAGE: <u>Here are the NANI forms for November &amp; December.</u>
<u>Thank you.</u>
<u>Tom</u>

TOTAL NUMBER OF PAGES BEING TRANSMITTED  
(INCLUDING THIS TRANSMITTAL FORM): 7

## NOTES:

IF YOU ENCOUNTER ANY DIFFICULTY IN RECEIVING THE TOTAL NUMBER OF PAGES INDICATED ABOVE, PLEASE CALL BACK AS SOON AS POSSIBLE AND ASK FOR Tom B. Meregillano Extension 7463.



# **NOTICE AND NECESSARY INFORMATION (NANI) CERTIFICATION # 01-97OC-2**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ Class B

**Monitoring Period:** 12/01/98 **To** 12/29/98

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	5.8	41 mg/kg	75 mg/kg
Cadmium	10.0	39 mg/kg	85 mg/kg
Copper	668.0	1500 mg/kg	4300 mg/kg
Lead	46.0	300 mg/kg	840 mg/kg
Mercury	2.0	17 mg/kg	57 mg/kg
Molybdenum	20.0	N/A **	75 mg/kg
Nickel	87.0	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	6.0	100 mg/kg	100 mg/kg
Zinc	782.0	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.4	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\* EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**

Option 1 X    Option 2 \_\_\_\_\_    Option 3 \_\_\_\_\_    Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_    Option 6 \_\_\_\_\_    Option 7 \_\_\_\_\_    Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 593-7450
C. Signature <i>Michael D. Moore</i>	D. Date Signed <i>1/20/99</i>

Prepared by L. Baroldi/T. Merigillano



2852 Alton Ave.  
Irvine, CA 92606  
(949) 261-1022 FAX (949) 261-1228

Metals	1-Dec-98				8-Dec-98				15-Dec-98				22-Dec-98				29-Dec-98				Monthly Mean			
	Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.	
	Pit. 1		Pit. 2		Pit. 1		Pit. 2		Pit. 1		Pit. 2		Pit. 1		Pit. 2		Pit. 1		Pit. 2		Pit. 1		Pit. 2	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
STS	23		21		19		22		23		21		23		22		22		21		22.0		21.4	
Arsenic	4.1	0.87	5.5	0.95	4.9	1.1	6.8	0.91	5.8	0.87	5.3	0.95	8.2	0.87	7.0	0.91	5.4	0.91	5.3	0.95	5.7	1.10	5.8	0.95
Cadmium	16	0.87	11	0.95	16	1.1	11	0.91	15	0.87	10	0.95	21	0.87	11	0.91	17	0.91	8.0	0.95	17	1.10	10	0.95
Chromium, total	100	3.5	90	3.8	110	4.2	89	3.6	100	3.5	83	3.8	120	3.5	92	3.8	100	3.8	89	3.8	106	4.2	89	3.8
Copper	720	2.2	700	2.4	780	2.6	660	2.3	770	2.2	670	2.4	800	2.2	700	2.3	770	2.3	610	2.4	790	2.6	688	2.4
Lead	53	8.7	43	9.5	63	11	44	9.1	63	8.7	45	9.5	77	8.7	52	9.1	61	9.1	45	9.5	63	11.0	46	9.5
Mercury	1.9	0.087	2.1	0.095	2.1	0.11	2.1	0.091	2.0	0.087	1.9	0.095	1.9	0.087	1.7	0.091	1.5	0.091	2.0	0.095	1.9	0.110	2.0	0.095
Molybdenum	18	4.3	21	4.8	18	5.3	20	4.5	18	4.3	21	4.8	20	4.3	20	4.5	16	4.5	17	4.8	18	5.3	20	4.8
Nickel	81	4.3	88	4.8	80	5.3	90	4.5	98	4.3	92	4.8	100	4.3	86	4.5	91	4.5	81	4.8	90	5.3	87	4.8
Selenium	5.3	1.3	3.2	1.4	9.6	1.6	6.5	1.4	8.6	1.3	7.1	1.4	8.5	1.3	5.1	1.4	8.6	1.4	8.0	1.4	8.1	1.6	6.0	1.4
Zinc	740	1.3	850	1.4	780	1.6	830	1.4	710	1.3	770	1.4	780	1.3	750	1.4	700	1.4	710	1.4	738	1.6	782	1.4

ID - Not Detected

RL - Reporting Limit

All biosolids test results are expressed in mg pollutant per kg biosolids on a 100% dry weight basis.

# **NOTICE AND NECESSARY INFORMATION (NANI) CERTIFICATION # 01-97OC-1**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Reclamation Plant #1, Fountain Valley, CA -- EQ Class B

**Monitoring Period:** 11/03/98 To 11/24/98

**Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	3.3	41 mg/kg	75 mg/kg
Cadmium	20.0	39 mg/kg	85 mg/kg
Copper	833.0	1500 mg/kg	4300 mg/kg
Lead	68.0	300 mg/kg	840 mg/kg
Mercury	2.1	17 mg/kg	57 mg/kg
Molybdenum	20.0	N/A **	75 mg/kg
Nickel	108.0	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	5.5	100 mg/kg	100 mg/kg
Zinc	770.0	2800 mg/kg	7500 mg/kg
Average Percent Solids	22.5	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**

Option 1 X    Option 2 \_\_\_\_\_    Option 3 \_\_\_\_\_    Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_    Option 6 \_\_\_\_\_    Option 7 \_\_\_\_\_    Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 593-7450
C. Signature <i>Michael D Moore</i>	D. Date Signed <i>11/20/99</i>

Prepared by L. Baroldi/T. Meregillano

# **NOTICE AND NECESSARY INFORMATION (NANI) CERTIFICATION # 01-97OC-2**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ Class B

**Monitoring Period:** 11/03/98 To 11/24/98

## **To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	4.9	41 mg/kg	75 mg/kg
Cadmium	12.0	39 mg/kg	85 mg/kg
Copper	743.0	1500 mg/kg	4300 mg/kg
Lead	48.0	300 mg/kg	840 mg/kg
Mercury	2.0	17 mg/kg	57 mg/kg
Molybdenum	21.0	N/A **	75 mg/kg
Nickel	88.0	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	4.0	100 mg/kg	100 mg/kg
Zinc	778.0	2800 mg/kg	7500 mg/kg
Average Percent Solids	22.3	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\* EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

### **D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 593-7450
C. Signature 	D. Date Signed 11/20/99

Prepared by L. Baroldi/T. Meregillano

**NOTICE AND NECESSARY INFORMATION (NANI)  
CERTIFICATION # 01-97OC-2**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ Class

**Monitoring Period:** 05/01/98 To 05/30/98

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	2.49	41 mg/kg	75 mg/kg
Cadmium	9.4	39 mg/kg	85 mg/kg
Copper	782	1500 mg/kg	4300 mg/kg
Lead	54.8	300 mg/kg	840 mg/kg
Mercury	1.92	17 mg/kg	57 mg/kg
Molybdenum	25.4	N/A **	75 mg/kg
Nickel	138	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	4.05	100 mg/kg	100 mg/kg
Zinc	786	2800 mg/kg	7500 mg/kg
Average Percent Solids	21%	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup>Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: <u>L. Kevin Hadden (Acting ECM Manager)</u>	B. Area Code and Telephone #: <u>(714) 962-2411</u>
C. Signature <u>[Signature]</u>	D. Date Signed <u>7/30/98</u>

Prepared by L. Baroldi/D.E. Hunter

**NOTICE AND NECESSARY INFORMATION (NANI)****CERTIFICATION # 01-97OC-1**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Reclamation Plant #1, Fountain Valley, CA -- EQ Class B**Monitoring Period:** 09/01/98 **To** 09/30/98**To Be Completed by PREPARERS OF BIOSOLIDS****A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	6.08	41 mg/kg	75 mg/kg
Cadmium	17.4	39 mg/kg	85 mg/kg
Copper	886	1500 mg/kg	4300 mg/kg
Lead	69	300 mg/kg	840 mg/kg
Mercury	2.50	17 mg/kg	57 mg/kg
Molybdenum	24.8	N/A **	75 mg/kg
Nickel	138	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	5.92	100 mg/kg	100 mg/kg
Zinc	812	2800 mg/kg	7500 mg/kg
Average Percent Solids	23.8	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.


**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**Class A \_\_\_\_\_ Class B X**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 593-7450
C. Signature 	D. Date Signed 11/18/98

Prepared by L. Baroldi/C. Thomas

**NOTICE AND NECESSARY INFORMATION (NANI)  
CERTIFICATION # 01-97OC-1**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Reclamation Plant #1, Fountain Valley, CA -- EQ Class B

**Monitoring Period:** 06/01/98 To 06/30/98

To Be Completed by PREPARERS OF BIOSOLIDS

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	2.50	41 mg/kg	75 mg/kg
Cadmium	17.7	39 mg/kg	85 mg/kg
Copper	747	1500 mg/kg	4300 mg/kg
Lead	75	300 mg/kg	840 mg/kg
Mercury	3.27	17 mg/kg	57 mg/kg
Molybdenum	20.2	N/A **	75 mg/kg
Nickel	168	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	5.4	100 mg/kg	100 mg/kg
Zinc	748	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.4%	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**

Option 1 X    Option 2 \_\_\_\_\_    Option 3 \_\_\_\_\_    Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_    Option 6 \_\_\_\_\_    Option 7 \_\_\_\_\_    Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Mike Moore (ECM Manager)

B. Area Code and Telephone #: (714) 962-2411

C. Signature 

D. Date Signed 8/25/98

Prepared by L. Baroldi/C. Thomas

# NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-1

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA -- EO Class B

Monitoring Period: 04/01/98 To 04/30/98

**THIS FORM IS TO BE COMPLETED BY PREPARERS OF BIOSOLIDS**

### A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	2.52	41 mg/kg	75 mg/kg
Cadmium	13.2	39 mg/kg	85 mg/kg
Copper	641	1500 mg/kg	4300 mg/kg
Lead	53.3	300 mg/kg	840 mg/kg
Mercury	1.92	17 mg/kg	57 mg/kg
Molybdenum	13.7	N/A**	75 mg/kg
Nickel	125	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	2.82	100 mg/kg	100 mg/kg
Zinc	522	2800 mg/kg	7500 mg/kg
Average Percent Solids	23.0%	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

### B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.

Class A      Class B X

### C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.

Option 1 X Option 2      Option 3      Option 4     

Option 5      Option 6      Option 7      Option 8     

No Vector attraction reductions were performed     

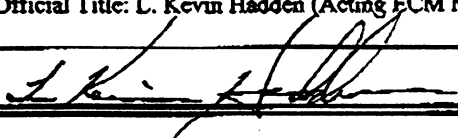
### D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: L. Kevin Hadden (Acting ECM Manager)

B. Area Code and Telephone #: (714) 962-2411

C. Signature



D. Date Signed

4/30/98

Prepared by L. Baroldi/D.E. Hunter

**NOTICE AND NECESSARY INFORMATION (NANI)  
CERTIFICATION # 01-97OC-2**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ Class B

**Monitoring Period:** 03/01/98 To 03/31/98

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	4.34	41 mg/kg	75 mg/kg
Cadmium	13.6	39 mg/kg	85 mg/kg
Copper	727	1500 mg/kg	4300 mg/kg
Lead	54.5	300 mg/kg	840 mg/kg
Mercury	2.45	17 mg/kg	57 mg/kg
Molybdenum	22.4	N/A**	75 mg/kg
Nickel	161	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	5.18	100 mg/kg	100 mg/kg
Zinc	727	2800 mg/kg	7500 mg/kg
Average Percent Solids	22.0%	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: <u>L. Kevin Hadden (Acting ECM Manager)</u>	B. Area Code and Telephone #: <u>(714) 962-2411</u>
C. Signature <u>L. Kevin Hadden</u>	D. Date Signed <u>6/30/98</u>

Prepared by L. Baroldi/D.E. Hunter



**NOTICE AND NECESSARY INFORMATION (NANI)****CERTIFICATION # 01-970C-1**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Reclamation Plant #1, Fountain Valley, CA -- EQ Class B

**Monitoring Period:** 10/01/98 To 10/31/98

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	6.03	41 mg/kg	75 mg/kg
Cadmium	21.0	39 mg/kg	85 mg/kg
Copper	803	1500 mg/kg	4300 mg/kg
Lead	74	300 mg/kg	840 mg/kg
Mercury	1.68	17 mg/kg	57 mg/kg
Molybdenum	22.0	N/A **	75 mg/kg
Nickel	113	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	4.65	100 mg/kg	100 mg/kg
Zinc	820	2800 mg/kg	7500 mg/kg
Average Percent Solids	23.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

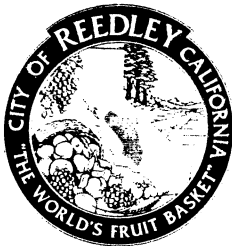
No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 593-7450
C. Signature 	D. Date Signed 12/11/98

Prepared by L. Baroldi/C. Thomas



## City of Reedley

Building/Engineering/Public Works  
1733 9th ~~1060th~~ Street  
Reedley, CA 93654-2917  
(209) 637-4200  
FAX 637-2139

5/12/98

Pima Gro Systems, Inc.  
P.O. Box 7547  
Redlands, CA 92375-0547

Attention: Gary

As per your requirements, I am submitting a certification statement for pathogen and vector attraction reduction requirements.

"I certify under penalty of law that the Class B pathogen requirements in 503.32(B) and the vector attraction reduction requirements in 503.33 (b)(10) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification, including the possibility of fine and imprisonment."

*Richard Goldstone*

Richard Goldstone  
W.W.T.P. Superintendent

CITY OF PALM SPRINGS

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-PS

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
02/01/98	PS	226.7	62.04	140.6	HURD1
04/19/98	PS	425.5	71.45	304.0	RCN5
04/26/98	PS	624.2	71.45	446.0	RCN5
05/03/98	PS	585.8	71.45	418.6	RCN5
05/10/98	PS	40.1	71.45	28.7	RAG3
11/22/98	PS	42.0	79.12	33.2	PKA1
<hr/>					
TOTALS		1944.3		1371.1	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

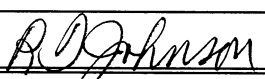
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Palm Springs	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 4375 Mesquite Ave. PO Box 2743	Address: 2015 Park Ave, Suite 7
City: Palm Springs State: Ca	City: Redlands State: California
Facility Contact: Cliff Graham Phone: (909) 798-8717	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	01	01		98	01	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.4	41	Monthly	Composite	EPA 6010
Cadmium	2	39	Monthly	Composite	EPA 6010
Copper	411	1500	Monthly	Composite	EPA 6010
Lead	65	300	Monthly	Composite	EPA 6010
Mercury	5.53	17	Monthly	Composite	EPA 7471
Nickel	39	420	Monthly	Composite	EPA 6010
Selenium	4.05	100	Monthly	Composite	EPA 6010
Zinc	766	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

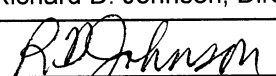
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Palm Springs	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 4375 Mesquite Ave. PO Box 2743	Address: 2015 Park Ave, Suite 7
City: Palm Springs State: Ca	City: Redlands State: California
Facility Contact: Cliff Graham Phone: (909) 798-8717	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	02	01		98	02	28

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.4	41	Monthly	Composite	EPA 6010
Cadmium	2	39	Monthly	Composite	EPA 6010
Copper	411	1500	Monthly	Composite	EPA 6010
Lead	65	300	Monthly	Composite	EPA 6010
Mercury	5.53	17	Monthly	Composite	EPA 7471
Nickel	39	420	Monthly	Composite	EPA 6010
Selenium	4.05	100	Monthly	Composite	EPA 6010
Zinc	766	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/1/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

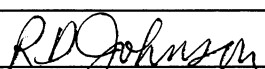
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Palm Springs	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 4375 Mesquite Ave. PO Box 2743	Address: 2015 Park Ave, Suite 7
City: Palm Springs State: Ca	City: Redlands State: California
Facility Contact: Cliff Graham Phone: (909) 798-8717	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	04	01		98	04	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.33	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	277	1500	Monthly	Composite	EPA 6010
Lead	58	300	Monthly	Composite	EPA 6010
Mercury	5.36	17	Monthly	Composite	EPA 7471
Nickel	21	420	Monthly	Composite	EPA 6010
Selenium	1.62	100	Monthly	Composite	EPA 6010
Zinc	425	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Palm Springs	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 4375 Mesquite Ave. PO Box 2743	Address: 2015 Park Ave, Suite 7
City: Palm Springs State: Ca	City: Redlands State: California
Facility Contact: Cliff Graham Phone: (909) 798-8717	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	05	01		98	05	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.33	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	277	1500	Monthly	Composite	EPA 6010
Lead	58	300	Monthly	Composite	EPA 6010
Mercury	5.36	17	Monthly	Composite	EPA 7471
Nickel	21	420	Monthly	Composite	EPA 6010
Selenium	1.62	100	Monthly	Composite	EPA 6010
Zinc	425	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99



# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Palm Springs	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 4375 Mesquite Ave. PO Box 2743	Address: 2015 Park Ave, Suite 7
City: Palm Springs State: Ca	City: Redlands State: California
Facility Contact: Cliff Graham Phone: (909) 798-8717	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	10	01		98	10	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	4.0	39	Monthly	Composite	EPA 6010
Copper	397	1500	Monthly	Composite	EPA 6010
Lead	52	300	Monthly	Composite	EPA 6010
Mercury	5.92	17	Monthly	Composite	EPA 7471
Nickel	45	420	Monthly	Composite	EPA 6010
Selenium	11.52	100	Monthly	Composite	EPA 6010
Zinc	764	2800	Monthly	Composite	EPA 6010

CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Palm Springs	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 4375 Mesquite Ave. PO Box 2743	Address: 2015 Park Ave, Suite 7
City: Palm Springs State: Ca	City: Redlands State: California
Facility Contact: Cliff Graham Phone: (909) 798-8717	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	11	01		98	11	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	938	1500	Monthly	Composite	EPA 6010
Lead	70	300	Monthly	Composite	EPA 6010
Mercury	6.14	17	Monthly	Composite	EPA 7471
Nickel	81	420	Monthly	Composite	EPA 6010
Selenium	12.61	100	Monthly	Composite	EPA 6010
Zinc	1350	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: <i>RD Johnson</i>	Date Signed: <i>2/11/99</i>

# Summary of Biosolids Priority Pollutants

Del Mar Analytical  
2852 Alton Ave.  
Irvine, CA 92606  
(949) 261-1022 FAX (949) 261-1228

Metals	3-Nov-98				10-Nov-98				17-Nov-98				24-Nov-98				Monthly Mean			
	Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.		Dry Wt.	
	Pit. 1	Pit. 2	Pit. 1	Pit. 2	Pit. 1	Pit. 2	Pit. 1	Pit. 2	Pit. 1	Pit. 2	Pit. 1	Pit. 2	Pit. 1	Pit. 2	Pit. 1	Pit. 2	Pit. 1	Pit. 2	Pit. 1	Pit. 2
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	DL	Result	DL
%TS	23		22		22		24		24		21		21		22		22.5		22.3	
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	14,000	24	16,000	23	14,000	24	16,000	23
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	ND	9.5	ND	9.1	0.0	9.5	0.0	9.5
Arsenic	2.4	0.87	3.2	0.91	2.0	0.91	3.4	0.83	4.9	0.83	5.0	0.95	4.0	0.95	7.8	0.91	3.3	0.95	4.9	0.91
Barium	--	--	--	--	--	--	--	--	--	--	--	--	560	4.8	1,100	4.5	560	4.8	1,100	4.5
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	ND	0.48	ND	0.45	0.00	0.48	0.00	0.45
Cadmium	20	0.87	12	0.91	21	0.91	11	0.83	19	0.83	11	0.95	19	0.95	12	0.91	20	0.95	12	0.91
Chromium Hexavalent	--	--	--	--	--	--	--	--	--	--	--	--	ND	0.48	ND	0.45	0.00	0.48	0.00	0.45
Chromium, total	110	3.5	96	3.6	110	3.6	87	3.3	100	3.3	87	3.8	100	3.8	100	3.8	105	3.8	93	3.8
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	6.7	4.8	ND	4.5	0.00	4.8	0.00	4.5
Copper	860	2.2	740	2.3	880	2.3	730	2.1	810	2.1	710	2.4	780	2.4	790	2.3	833	2.4	743	2.4
Iron	--	--	--	--	--	--	--	--	--	--	--	--	42,000	29	40,000	27	42,000	29	40,000	27
Lead	71	8.7	50	9.1	87	9.1	49	8.3	68	8.3	44	9.5	85	9.5	50	9.1	68	10	48	9.5
Mercury	2.1	0.087	1.5	0.091	2.3	0.091	3.0	0.083	2.3	0.083	1.7	0.095	1.7	0.095	1.7	0.091	2.1	0.095	2.0	0.095
Molybdenum	21	4.3	22	4.5	22	4.5	20	4.2	20	4.2	20	4.8	18	4.8	23	4.5	20	4.8	21	4.8
Nickel	110	4.3	81	4.5	120	4.5	78	4.2	100	4.2	81	4.8	100	4.8	110	4.5	108	4.8	88	4.8
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	710	160	850	140	710	160	850	140
Selenium	2.8	1.3	1.5	1.4	6.5	1.4	3.8	1.3	6.3	1.3	3.8	1.4	6.2	1.4	6.9	1.4	5.5	1.4	4.0	1.4
Silver	--	--	--	--	--	--	--	--	--	--	--	--	59	1.4	41	1.4	59.00	1.4	41.00	1.4
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	1,600	95	2,100	91	1,600	95	2,100	91
Sulfur	--	--	--	--	--	--	--	--	--	--	--	--	20,000	480	25,000	450	20,000	480	25,000	450
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	ND	14	ND	14	0.00	14	0.00	14
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	43	4.8	41	4.5	43.00	4.8	41.00	4.5
Zinc	790	1.3	750	1.4	790	1.4	730	1.3	750	1.3	750	1.4	750	1.4	880	1.4	770	1.4	778	1.4
Ammonia	--	--	--	--	--	--	--	--	--	--	--	--	13,000	24	6,900	23	13,000	24	6,900	23
Fluoride	--	--	--	--	--	--	--	--	--	--	--	--	ND	71	ND	68	ND	71	ND	68
Nitrate-N	--	--	--	--	--	--	--	--	--	--	--	--	ND	5.7	ND	5.5	ND	5.7	ND	5.5
pH	--	--	--	--	--	--	--	--	--	--	--	--	8.1	--	8.0	--	8.1	--	8.0	--
Total Kjeldahl Nitrogen	--	--	--	--	--	--	--	--	--	--	--	--	45,000	24	45,000	24	45,000	24	45,000	24
Organic Lead	--	--	--	--	--	--	--	--	--	--	--	--	ND	4.8	ND	4.8	ND	4.8	ND	4.8

ND - Not Detected

RL - Reporting Limit

All biosolids test results are expressed in mg pollutant per kg biosolids on a 100% dry weight basis.

# COUNTY SANITATION DISTRICTS OF ORANGE COUNTY #2

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-OC2

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/03/99	OC2	1180.2	0.00	0.0	RDB2
01/04/98	OC2	634.0	23.06	146.2	BG7
01/04/98	OC2	675.6	23.06	155.8	HURD1
01/11/98	OC2	923.6	19.82	183.1	BG6
01/11/98	OC2	682.4	19.82	135.3	HURD1
01/18/98	OC2	1174.5	19.82	232.8	BG18
01/18/98	OC2	707.6	19.82	140.2	HURD1
01/25/98	OC2	314.5	19.82	62.3	BG18
01/25/98	OC2	314.8	19.82	62.4	BG22
01/25/98	OC2	733.0	19.82	145.3	BG24
01/25/98	OC2	576.4	19.82	114.2	HURD1
02/01/98	OC2	624.8	19.82	123.8	HURD1
02/08/98	OC2	704.8	22.24	156.7	HURD1
02/15/98	OC2	283.9	22.24	63.1	HURD1
02/15/98	OC2	336.0	22.24	74.7	HURD2
02/22/98	OC2	156.2	22.24	34.7	HURD2
03/08/98	OC2	811.2	22.24	180.4	BG24
03/22/98	OC2	1389.3	22.24	309.0	GD10
03/29/98	OC2	728.2	22.24	162.0	GD19
04/12/98	OC2	1281.0	20.88	267.5	RCN4
04/19/98	OC2	1219.8	20.88	254.7	RCN4
04/19/98	OC2	181.6	20.88	37.9	RCN5
05/03/98	OC2	1264.8	20.88	264.1	GD19
05/17/98	OC2	202.9	21.17	43.0	GD19
05/17/98	OC2	245.7	21.17	52.0	RAG3
05/24/98	OC2	492.7	21.17	104.3	GD19
05/24/98	OC2	589.2	21.17	124.7	GD3
05/24/98	OC2	278.1	21.17	58.9	RAG3
05/31/98	OC2	865.2	21.17	183.2	GD3
05/31/98	OC2	284.6	21.17	60.2	RAG3
06/07/98	OC2	338.1	22.59	76.4	GD3
06/07/98	OC2	567.6	22.59	128.2	RAG3

PIMA GRO SYSTEMS, INC.  
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REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-OC2

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
06/14/98	OC2	601.0	22.59	135.8	GD4
06/14/98	OC2	573.0	22.59	129.4	RAG3
06/21/98	OC2	682.8	22.59	154.2	GD4
06/21/98	OC2	126.4	22.59	28.6	HURD1
06/21/98	OC2	359.1	22.59	81.1	RAG3
06/28/98	OC2	131.2	22.59	29.6	AR4
06/28/98	OC2	685.2	22.59	154.8	GD17
06/28/98	OC2	572.4	22.59	129.3	HURD1
07/05/98	OC2	762.4	22.59	172.2	AR4
07/19/98	OC2	1349.6	22.59	304.9	AR4
07/19/98	OC2	1247.6	22.59	281.8	HURD1
07/26/98	OC2	381.2	22.59	86.1	AR4
07/26/98	OC2	750.4	22.59	169.5	RAG2
08/02/98	OC2	1095.3	22.73	249.0	GD18
08/02/98	OC2	675.2	22.73	153.5	RDF3
08/09/98	OC2	464.1	22.73	105.5	GD20
08/09/98	OC2	470.2	22.73	106.9	RDF3
08/16/98	OC2	928.2	22.73	211.0	GD20
08/16/98	OC2	470.2	22.73	106.9	RDF3
08/23/98	OC2	237.4	22.73	54.0	GD2
08/23/98	OC2	237.4	22.73	54.0	GD20
08/23/98	OC2	1360.8	22.73	309.3	RDF3
08/30/98	OC2	503.9	22.73	114.5	GD2
08/30/98	OC2	470.2	22.73	106.9	RDF3
09/06/98	OC2	526.4	22.73	119.7	GD2
09/06/98	OC2	962.9	22.73	218.9	RDF3
09/27/98	OC2	1553.2	22.73	353.0	GD1
10/04/98	OC2	944.4	25.18	237.8	GD5
10/04/98	OC2	637.4	25.18	160.5	RAG2
10/04/98	OC2	2345.0	25.18	590.5	RDF6
10/11/98	OC2	419.6	25.18	105.7	GD5
10/11/98	OC2	408.0	25.18	102.7	RAG2
10/18/98	OC2	419.6	25.18	105.7	GD5
10/18/98	OC2	408.0	25.18	102.7	RAG2

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-OC2

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
10/18/98	OC2	959.8	25.18	241.7	RPR1
10/25/98	OC2	524.8	25.18	132.1	GD5
10/25/98	OC2	479.9	25.18	120.8	RPR1
11/01/98	OC2	1919.6	23.75	455.9	RPR1
11/08/98	OC2	1330.2	23.75	315.9	RPR1
11/15/98	OC2	1364.1	23.75	324.0	RRM1-4
11/22/98	OC2	1191.0	23.75	282.9	PKA1
11/22/98	OC2	129.4	23.75	30.7	RRM1-4
11/29/98	OC2	96.8	23.75	23.0	RPR1
11/29/98	OC2	48.5	23.75	11.5	RRM1-4
12/13/98	OC2	455.5	20.37	92.8	RDB4
12/20/98	OC2	1791.4	20.37	364.9	RDB4
12/27/98	OC2	1373.4	20.37	279.8	RDB1
TOTALS		56,923.1		12,339.1	

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-OC2KP

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
02/15/98	OC2KP	702.8	22.24	156.3	BG23
06/07/98	OC2KP	1255.4	21.17	265.8	GD17
06/07/98	OC2KP	565.8	21.17	119.8	GD3
07/19/98	OC2KP	368.4	22.59	83.2	AR4
08/02/98	OC2KP	770.6	0.00	0.0	GD18
<hr/>					
TOTALS		3663.0		625.1	



## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	01	01		98	01	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5.70	41	Monthly	Composite	EPA 6010
Cadmium	13.0	39	Monthly	Composite	EPA 6010
Copper	912	1500	Monthly	Composite	EPA 6010
Lead	81	300	Monthly	Composite	EPA 6010
Mercury	2.51	17	Monthly	Composite	EPA 7471
Nickel	165	420	Monthly	Composite	EPA 6010
Selenium	4.60	100	Monthly	Composite	EPA 6010
Zinc	935	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	02	01		98	02	28

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	8.08	41	Monthly	Composite	EPA 6010
Cadmium	16	39	Monthly	Composite	EPA 6010
Copper	815	1500	Monthly	Composite	EPA 6010
Lead	75	300	Monthly	Composite	EPA 6010
Mercury	3.26	17	Monthly	Composite	EPA 7471
Nickel	204	420	Monthly	Composite	EPA 6010
Selenium	5.51	100	Monthly	Composite	EPA 6010
Zinc	938	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: <i>R.D. Johnson</i>	Date Signed: <i>2/11/99</i>

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

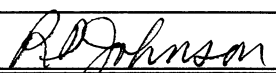
MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	03	01	TO	98	03	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	8.08	41	Monthly	Composite	EPA 6010
Cadmium	16	39	Monthly	Composite	EPA 6010
Copper	815	1500	Monthly	Composite	EPA 6010
Lead	75	300	Monthly	Composite	EPA 6010
Mercury	3.26	17	Monthly	Composite	EPA 7471
Nickel	204	420	Monthly	Composite	EPA 6010
Selenium	5.51	100	Monthly	Composite	EPA 6010
Zinc	938	2800	Monthly	Composite	EPA 6010

CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.

Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/19/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	04	01	TO	98	04	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.58	41	Monthly	Composite	EPA 6010
Cadmium	11.0	39	Monthly	Composite	EPA 6010
Copper	735	1500	Monthly	Composite	EPA 6010
Lead	74	300	Monthly	Composite	EPA 6010
Mercury	3.55	17	Monthly	Composite	EPA 7471
Nickel	122	420	Monthly	Composite	EPA 6010
Selenium	6.52	100	Monthly	Composite	EPA 6010
Zinc	887	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	05	01		98	05	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5.42	41	Monthly	Composite	EPA 6010
Cadmium	9.0	39	Monthly	Composite	EPA 6010
Copper	826	1500	Monthly	Composite	EPA 6010
Lead	76	300	Monthly	Composite	EPA 6010
Mercury	3.82	17	Monthly	Composite	EPA 7471
Nickel	136	420	Monthly	Composite	EPA 6010
Selenium	6.00	100	Monthly	Composite	EPA 6010
Zinc	979	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
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NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	06	01	TO	98	06	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.96	41	Monthly	Composite	EPA 6010
Cadmium	21.0	39	Monthly	Composite	EPA 6010
Copper	945	1500	Monthly	Composite	EPA 6010
Lead	101	300	Monthly	Composite	EPA 6010
Mercury	4.55	17	Monthly	Composite	EPA 7471
Nickel	150	420	Monthly	Composite	EPA 6010
Selenium	6.66	100	Monthly	Composite	EPA 6010
Zinc	933	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
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# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	07	01		98	07	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.96	41	Monthly	Composite	EPA 6010
Cadmium	21.0	39	Monthly	Composite	EPA 6010
Copper	945	1500	Monthly	Composite	EPA 6010
Lead	101	300	Monthly	Composite	EPA 6010
Mercury	4.55	17	Monthly	Composite	EPA 7471
Nickel	150	420	Monthly	Composite	EPA 6010
Selenium	6.66	100	Monthly	Composite	EPA 6010
Zinc	933	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	08	01	TO	98	08	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.59	41	Monthly	Composite	EPA 6010
Cadmium	11.0	39	Monthly	Composite	EPA 6010
Copper	929	1500	Monthly	Composite	EPA 6010
Lead	75	300	Monthly	Composite	EPA 6010
Mercury	5.48	17	Monthly	Composite	EPA 7471
Nickel	171	420	Monthly	Composite	EPA 6010
Selenium	5.76	100	Monthly	Composite	EPA 6010
Zinc	1030	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99



# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

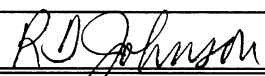
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	09	01		98	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.59	41	Monthly	Composite	EPA 6010
Cadmium	11.0	39	Monthly	Composite	EPA 6010
Copper	929	1500	Monthly	Composite	EPA 6010
Lead	75	300	Monthly	Composite	EPA 6010
Mercury	5.48	17	Monthly	Composite	EPA 7471
Nickel	171	420	Monthly	Composite	EPA 6010
Selenium	5.76	100	Monthly	Composite	EPA 6010
Zinc	1030	2800	Monthly	Composite	EPA 6010

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Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
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Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

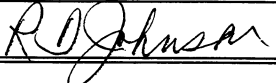
MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	10	01		98	10	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5.06	41	Monthly	Composite	EPA 6010
Cadmium	14.0	39	Monthly	Composite	EPA 6010
Copper	818	1500	Monthly	Composite	EPA 6010
Lead	77	300	Monthly	Composite	EPA 6010
Mercury	4.08	17	Monthly	Composite	EPA 7471
Nickel	122	420	Monthly	Composite	EPA 6010
Selenium	5.94	100	Monthly	Composite	EPA 6010
Zinc	918	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

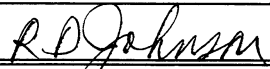
MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	11	01		98	11	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.98	41	Monthly	Composite	EPA 6010
Cadmium	15.0	39	Monthly	Composite	EPA 6010
Copper	903	1500	Monthly	Composite	EPA 6010
Lead	83	300	Monthly	Composite	EPA 6010
Mercury	4.12	17	Monthly	Composite	EPA 7471
Nickel	130	420	Monthly	Composite	EPA 6010
Selenium	7.38	100	Monthly	Composite	EPA 6010
Zinc	938	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	12	01		98	12	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.83	41	Monthly	Composite	EPA 6010
Cadmium	10.0	39	Monthly	Composite	EPA 6010
Copper	741	1500	Monthly	Composite	EPA 6010
Lead	80	300	Monthly	Composite	EPA 6010
Mercury	3.73	17	Monthly	Composite	EPA 7471
Nickel	124	420	Monthly	Composite	EPA 6010
Selenium	5.00	100	Monthly	Composite	EPA 6010
Zinc	884	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/9/99

# NOTICE AND NECESSARY INFORMATION (NANI)

Facility Name: City of Palm Springs Wastewater Plant

Monitoring Period: 4/1/98 To 7/1/98

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	ND	41 mg/kg	75 mg/kg
Cadmium	5	39 mg/kg	85 mg/kg
Copper	733	1500 mg/kg	4300 mg/kg
Lead	50	300 mg/kg	840 mg/kg
Mercury	4.2	17 mg/kg	57 mg/kg
Molybdenum	10	N/A**	75 mg/kg
Nickel	57	420 mg/kg	420 mg/kg
Selenium	9	100 mg/kg	100 mg/kg
Zinc	1207	2800 mg/kg	7500 mg/kg
Average Percent Solids		N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values

\*\* EPA has removed molybdenum limits from Table 3.

B. Pathogen Reduction (40 CFR 503.32) - Please indicate level achieved.

Class A        Class B X

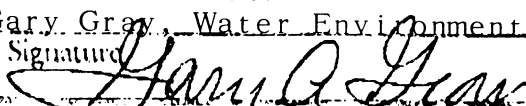
C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed.

Option 1 X Option 2        Option 3        Option 4       

Option 5        Option 6        Option 7 X Option 8       

D. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Gary Gray, Water Environmentals Supervisor	B. Telephone Number (760) 323-8166
C. Signature 	D. Date Signed November 24, 1998

**NOTICE AND NECESSARY INFORMATION (NANI)**Facility Name: City of Palm Springs Wastewater PlantMonitoring Period: 7/1/98 To 10/1/98

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	5	41 mg/kg	75 mg/kg
Cadmium	6	39 mg/kg	85 mg/kg
Copper	977	1500 mg/kg	4300 mg/kg
Lead	51	300 mg/kg	840 mg/kg
Mercury	4.3	17 mg/kg	57 mg/kg
Molybdenum	12	N/A**	75 mg/kg
Nickel	92	420 mg/kg	420 mg/kg
Selenium	13	100 mg/kg	100 mg/kg
Zinc	1367	2800 mg/kg	7500 mg/kg
Average Percent Solids		N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values

\*\* EPA has removed molybdenum limits from Table 3.

B. Pathogen Reduction (40 CFR 503.32) - Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed.

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 X Option 8 \_\_\_\_\_

D. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Gary Gray, Water Environmental Supervisor	B. Telephone Number (760) 323-8166
C. Signature <i>Gary A. Gray</i>	D. Date Signed November 24, 1998

RANCHO CALIFORNIA WATER DISTRICT

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-RCWD

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/11/98	RCWD	100.0	18.53	18.5	HURD1
01/18/98	RCWD	149.1	18.53	27.6	HURD1
01/25/98	RCWD	185.1	18.53	34.3	HURD1
02/01/98	RCWD	130.9	18.53	24.3	HURD1
03/22/98	RCWD	21.2	13.07	2.8	GD10
04/12/98	RCWD	57.6	13.07	7.5	RCN4
04/19/98	RCWD	84.8	13.07	11.1	RCN4
04/19/98	RCWD	21.5	13.07	2.8	RCN5
05/03/98	RCWD	85.6	13.07	11.2	GD19
05/17/98	RCWD	111.1	13.07	14.5	RAG3
05/24/98	RCWD	169.8	13.07	22.2	RAG3
05/31/98	RCWD	108.6	13.07	14.2	RAG3
06/07/98	RCWD	18.6	13.07	2.4	RAG3
06/14/98	RCWD	45.0	13.07	5.9	RAG3
06/21/98	RCWD	25.4	13.07	3.3	HURD1
06/21/98	RCWD	52.3	13.07	6.8	RAG3
07/12/98	RCWD	106.7	13.07	13.9	HURD1
07/19/98	RCWD	22.8	13.07	3.0	RAG2
07/26/98	RCWD	20.9	13.07	2.7	RDF3
TOTALS		1517.0		229.0	



PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-RCWDKP

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
06/07/98	RCWDKP	55.4	13.07	7.2	GD17
06/07/98	RCWDKP	25.0	13.07	3.3	GD3
07/19/98	RCWDKP	76.1	13.07	9.9	AR4
08/02/98	RCWDKP	72.8	0.00	0.0	GD18
-----					
TOTALS		229.3		20.4	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	01	01		98	01	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.99	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Copper	283	1500	Monthly	Composite	EPA 6010
Lead	31	300	Monthly	Composite	EPA 6010
Mercury	.87	17	Monthly	Composite	EPA 7471
Nickel	53	420	Monthly	Composite	EPA 6010
Selenium	5.08	100	Monthly	Composite	EPA 6010
Zinc	285	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

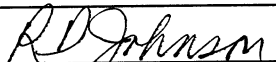
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	02	01		98	02	28

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.84	41	Monthly	Composite	EPA 6010
Cadmium	2	39	Monthly	Composite	EPA 6010
Copper	448	1500	Monthly	Composite	EPA 6010
Lead	34	300	Monthly	Composite	EPA 6010
Mercury	1.48	17	Monthly	Composite	EPA 7471
Nickel	26	420	Monthly	Composite	EPA 6010
Selenium	8.24	100	Monthly	Composite	EPA 6010
Zinc	440	2800	Monthly	Composite	EPA 6010

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## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name:     Rancho California Water District				Facility Owner's Name:     Pima Gro Systems, Inc.			
Address:             PO Box 174				Address:     2015 Park Ave, Suite 7			
City:                Temecula		State:     Ca		City             Redlands		State:     California	
Facility Contact:   Bob Manry		Phone:     (714) 676-4101		Phone:     (909) 798-8717		Zip:        92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	03	01	TO	98	03	31

NPDES PERMIT NUMBER
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Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
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Lead	34	300	Monthly	Composite	EPA 6010
Mercury	1.48	17	Monthly	Composite	EPA 7471
Nickel	26	420	Monthly	Composite	EPA 6010
Selenium	8.24	100	Monthly	Composite	EPA 6010
Zinc	440	2800	Monthly	Composite	EPA 6010

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MONITORING PERIOD						
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NPDES PERMIT NUMBER
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SLUDGE PERMIT NUMBER
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Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
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Cadmium	2.0	39	Monthly	Composite	EPA 6010
Copper	448	1500	Monthly	Composite	EPA 6010
Lead	34	300	Monthly	Composite	EPA 6010
Mercury	1.48	17	Monthly	Composite	EPA 7471
Nickel	26	420	Monthly	Composite	EPA 6010
Selenium	8.24	100	Monthly	Composite	EPA 6010
Zinc	440	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name:     Rancho California Water District				Facility Owner's Name:     Pima Gro Systems, Inc.			
Address:             PO Box 174				Address:     2015 Park Ave, Suite 7			
City:                 Temecula		State:     Ca		City             Redlands		State:     California	
Facility Contact:   Bob Manry		Phone:   (714) 676-4101		Phone:     (909) 798-8717		Zip:        92373	

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	05	01		98	05	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	3.84	41	Monthly	Composite	EPA 6010
Cadmium	2	39	Monthly	Composite	EPA 6010
Copper	448	1500	Monthly	Composite	EPA 6010
Lead	34	300	Monthly	Composite	EPA 6010
Mercury	1.48	17	Monthly	Composite	EPA 7471
Nickel	26	420	Monthly	Composite	EPA 6010
Selenium	8.24	36	Monthly	Composite	EPA 6010
Zinc	440	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title:    Richard D. Johnson, Director, Technical Services	Phone Number:     (909) 798-8717
Signature: <i>R.D. Johnson</i>	Date Signed: <i>2/10/99</i>

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	06	01		98	06	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
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Cadmium	2.0	39	Monthly	Composite	EPA 6010
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Mercury	1.48	17	Monthly	Composite	EPA 7471
Nickel	26	420	Monthly	Composite	EPA 6010
Selenium	8.24	100	Monthly	Composite	EPA 6010
Zinc	440	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/1/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
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Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
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Cadmium	2.0	39	Monthly	Composite	EPA 6010
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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/7/99



# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

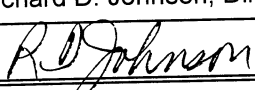
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Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
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Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.35	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	706	1500	Monthly	Composite	EPA 6010
Lead	58	300	Monthly	Composite	EPA 6010
Mercury	4.01	17	Monthly	Composite	EPA 7471
Nickel	31	420	Monthly	Composite	EPA 6010
Selenium	11.30	100	Monthly	Composite	EPA 6010
Zinc	786	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# NOTICE AND NECESSARY INFORMATION (NANI)

Facility Name: RANCHO CALIFORNIA WATER DISTRICT  
SANTA ROSA WATER RECLAMATION FACILITY

Monitoring Period: JAN 1, 1998 To \_\_\_\_\_

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	< 5	41 mg/kg	75 mg/kg
Cadmium	1	39 mg/kg	85 mg/kg
Copper	91	1500 mg/kg	4300 mg/kg
Lead	5	300 mg/kg	840 mg/kg
Mercury	< 10	17 mg/kg	57 mg/kg
Molybdenum	—	N/A**	75 mg/kg
Nickel	4	420 mg/kg	420 mg/kg
Selenium	< 5	100 mg/kg	100 mg/kg
Zinc	110	2800 mg/kg	7500 mg/kg
Average Percent Solids	13	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values

\*\* EPA has removed molybdenum limits from Table 3.

B. Pathogen Reduction (40 CFR 503.32) - Please indicate level achieved.

Class A \_\_\_\_\_ Class B ✓

C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed.

Option 1 ✓ Option 2 ✓ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

D. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: <u>Tom McALISTER - WASTEWATER RECL. MANAGER</u>	B. Telephone Number <u>909 676 4101 ext. 769</u>
C. Signature	D. Date Signed

QUARTERLY BIOSOLIDS - EPA PRIORITY POLLUTANTS

PAGE 1

DISCHARGER: Rancho California Water District  
REPORT FOR: Santa Rosa Water Reclamation Facility

REGIONAL BOARD NO.  
REPORT DATE: JUNE 1998

94-92

96-54

NPDES NO. CA0108821

REPORT SAMPLE POINT: GRAVITY TABLE

DISCHARGED TO: RECLAIMED DISTRIBUTION, LIVE STREAM (MURRIETA CK)

SAMPLES ANALYZED BY: R.C.W.D. Laboratory and Babcock Laboratory

SIGNED UNDER PENALTY OF PERJURY: JB

DENOTES 96-54 MONITORING

SAMPLE DATE: 03/03/98

CONSTITUENT	ANALYSIS mg/kg
<b>METALS</b>	
Antimony	<5
Arsenic	<5
Beryllium	<1
Cadmium	1
Chromium	5
Copper	91
Lead	5
Mercury	<10
Nickel	4
Selenium	<5
Silver	3
Thallium	<30
Zinc	110
<b>MISCELLANEOUS</b>	
Cyanide	1.1
2,3,7,8-TCDD (Dioxin)	<0.7
<b>PESTICIDES</b>	
	ug/kg
Aldrin	<510
Chlordane	<1300
Dieldrin	<250
4-4'-DDT	<1500
4-4'-DDE	<510
4-4'-DDD	<1400
alpha-Endosulfan	<1800
beta-Endosulfan	<510
Endosulfan Sulfate	<8400
Endrin	<760
Endrin Aldehyde	<2900
Heptachlor	<130
Heptachlor Epoxide	<130
alpha-BHC	<760
beta-BHC	<380
delta-BHC	<1100

QUARTERLY BIOSOLIDS - EPA PRIORITY POLLUTANTS

PAGE 2

DISCHARGER: Rancho California Water District  
REPORT FOR: Santa Rosa Water Reclamation Facility  
REPORT SAMPLE POINT: BELT PRESS

REGIONAL BOARD NO. 94-92 96-54  
REPORT DATE: JUNE 1998  
DISCHARGED TO: RECLAIMED DISTRIBUTION, LIVE STREAM (MURRIETA CK)  
NPDES NO. CA0108821

SAMPLES ANALYZED BY: R.C.W.D. Laboratory and Babcock Laboratory

SIGNED UNDER PENALTY OF PERJURY: JS

██████████ DENOTES 96-54 MONITORING  
SAMPLE DATE: 03/03/98

CONSTITUENT	ANALYSIS ug/kg
<b>PESTICIDES</b>	
gamma-BHC	<130
Toxaphene	<13000
PCB-1016	<6400
PCB-1221	<6400
PCB-1232	<6400
PCB-1242	<6400
PCB-1248	<6400
PCB-1254	<6400
PCB-1260	<6400
<b>BASE/NEUTRAL EXTRACTIBLES</b>	
Acenaphthene	<130
Acenaphthylene	<130
Anthracene	<130
Benzidine	<130
Benzo(a)Anthracene	<130
Benzo(a)pyrene	<130
Benzo(b)Fluranthene	<130
Benzo(ghi)perylene	<130
Benzo(k)Fluoranthene	<130
Bis(2-Chloroethoxy)Methane	<130
Bis(2-Chloroethyl)Ether	<130
Bis(2-Chloroisopropyl)Ether	<130
Bis(2-Ethylhexyl)Phthlate	<130
4-Bromophenyl Phenyl Ether	<130
Butylbenzyl Phthalate	<130
2-Chloronaphthalene	<130
4-Chlorophenyl Phenyl Ether	<130
Chrysene	<130
Dibenzo(a,h)Anthracene	<130
4-Chlorophenyl Phenyl Ether	<130
1,2-Dichlorobenzene	<130
1,3-Dichlorobenzene	<130
1,4-Dichlorobenzene	<130

QUARTERLY BIOSOLIDS - EPA PRIORITY POLLUTANTS

PAGE 3

DISCHARGER: Rancho California Water District  
REPORT FOR: Santa Rosa Water Reclamation Facility  
REPORT SAMPLE POINT: BELT PRESS

REGIONAL BOARD NO. 94-92  
REPORT DATE: JUNE 1998  
DISCHARGED TO: RECLAIMED DISTRIBUTION, LIVE STREAM (MURRIETA CK)

SAMPLES ANALYZED BY: R.C.W.D. Laboratory and Babcock Laboratory

SIGNED UNDER PENALTY OF PERJURY: JB

96-54  
NPDES NO. CA0108821  
DENOTES 96-54 MONITORING  
SAMPLE DATE: 03/03/98

CONSTITUENT	ANALYSIS ug/kg
<b>BASE/NEUTRAL EXTRACTIBLES</b>	
3,3'-Dichlorobenzidine	<130
Diethylphthalate	<130
Dimethylphthalate	<130
Di-n-Butyl Phthalate	<130
2,4-Dinitrotoluene	<130
2,6-Dinitrotoluene	<130
1,2 Diphenylhydrazine	<130
Di-n-Octyl Phthalate	<130
Fluoranthene	<130
Fluorene	<130
Hexachlorobenzene	<130
Hexachlorobutadiene	<130
Hexachlorocyclopentadiene	<130
Hexachloroethane	<130
Indeno(1,2,3-cd)Pyrene	<130
Isophorene	<130
Napthalene	<130
Nitrobenzene	<130
N-Nitrosodimethylamine	<130
N-Nitrosodi-n-Propylamine	<130
N-Nitrosodiphenylamine	<130
Phenanthrene	<130
Pyrene	<130
1,2,4-Trichlorobenzene	<130
<b>ACID EXTRACTIBLES</b>	
2-Chlorophenol	<130
2,4-Dichlorophenol	<130
2,4-Dimethylphenol	<130
2-Methyl-4,6-Dinitrophenol	<130
2,4-Dinitrophenol	<130
2-Nitrophenol	<130
4-Nitrophenol	<130
3-Methyl-4-Chlorophenol	<130

QUARTERLY BIOSOLIDS - EPA PRIORITY POLLUTANTS

PAGE 4

DISCHARGER: Rancho California Water District  
 REPORT FOR: Santa Rosa Water Reclamation Facility  
 REPORT SAMPLE POINT: BELT PRESS

REGIONAL BOARD NO.  
 REPORT DATE: JUNE 1998

94-92

96-54

NPDES NO. CA0108821

DISCHARGED TO: RECLAIMED DISTRIBUTION, LIVE STREAM (MURRIETA CK)

SAMPLES ANALYZED BY: R.C.W.D. Laboratory and Babcock Laboratory

SIGNED UNDER PENALTY OF PERJURY: JR

DENOTES 96-54 MONITORING

SAMPLE DATE: 03/03/98

CONSTITUENT	ANALYSIS ug/kg
<b>ACID EXTRACTIBLES</b>	
Pentachlorophenol	<130
Phenol	<130
2,4,6-Trichlorophenol	<130
<b>VOLITILE ORGANICS</b>	
Acrolein	<2500
Acrylonitrile	<2500
Benzene	<130
Bromoform	<130
Carbon Tetrachloride	<130
Chlorobenzene	<130
Chlorodibromomethane	<130
Chloroethane	<130
2-Chloroethylvinyl Ether	<670
Chloroform	<130
Dichlorobromomethane	<130
1,1-Dichloroethane	<130
1,2-Dichloroethane	<130
1,1-Dichloroethylene	<130
1,2 Dichloropropane	<130
1,3 Dichloropropane	<130
Ethylbenzene	<130
Methyl Bromide	<130
Methyl Chloride	<130
Methylene Chloride	<760
1,1,2,2-Tetrachloroethane	<130
Tetrachloroethylene	<130
Toluene	<130
1,2-trans-Dichloroethylene	<130
1,1,1-Trichloroethane	<130
1,1,2-Trichloroethane	<130
Trichloroethylene	<130
Vinyl Chloride	<130
% MOISTURE	92.1

# SAN ELIJO JOINT POWERS AUTHORITY

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 29, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-SEJP

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/03/99	SEJP	48.1	19.24	9.3	RDB2
07/19/98	SEJP	44.1	18.98	8.4	HURD1
07/26/98	SEJP	47.6	18.98	9.0	RAG2
08/02/98	SEJP	208.1	18.98	39.5	RDF3
08/23/98	SEJP	143.2	18.98	27.2	
08/30/98	SEJP	95.9	18.98	18.2	RDF3
09/06/98	SEJP	48.3	19.06	9.2	RDF3
10/04/98	SEJP	172.4	19.06	32.9	RDF6
10/11/98	SEJP	71.9	19.06	13.7	RAG2
10/18/98	SEJP	47.7	19.06	9.1	RPR1
10/25/98	SEJP	47.7	19.06	9.1	RPR1
11/15/98	SEJP	73.0	19.28	14.1	RPR1
11/22/98	SEJP	45.3	19.28	8.7	PKA1
11/29/98	SEJP	25.3	19.28	4.9	RDF3
12/20/98	SEJP	146.5	19.24	28.2	RDB4
12/27/98	SEJP	73.4	19.24	14.1	HURD1
-----					
TOTALS		1338.5		255.6	



## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: San Elijo Joint Powers Authority	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 1925 Palomar Oaks Way, Ste. 300	Address: 2015 Park Ave, Suite 7
City: Carlsbad State: CA	City: Redlands State: California
Facility Contact: Gary Masters Phone: (760) 753-6203	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	08	01		98	08	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
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Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.37	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	568	1500	Monthly	Composite	EPA 6010
Lead	43	300	Monthly	Composite	EPA 6010
Mercury	4.70	17	Monthly	Composite	EPA 7471
Nickel	33	420	Monthly	Composite	EPA 6010
Selenium	11.28	100	Monthly	Composite	EPA 6010
Zinc	726	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: <i>RD Johnson</i>	Date Signed: <i>2/4/99</i>

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

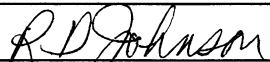
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: San Elijo Joint Powers Authority Address: 1925 Palomar Oaks Way, Ste. 300 City: Carlsbad State: CA Facility Contact: Gary Masters Phone: (760) 753-6203	Facility Owner's Name: Pima Gro Systems, Inc. Address: 2015 Park Ave, Suite 7 City: Redlands State: California Phone: (909) 798-8717 Zip: 92373

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Source:					
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	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.59	41	Monthly	Composite	EPA 6010
Cadmium	2.0	39	Monthly	Composite	EPA 6010
Copper	543	1500	Monthly	Composite	EPA 6010
Lead	42	300	Monthly	Composite	EPA 6010
Mercury	4.41	17	Monthly	Composite	EPA 7471
Nickel	29	420	Monthly	Composite	EPA 6010
Selenium	8.09	100	Monthly	Composite	EPA 6010
Zinc	693	2800	Monthly	Composite	EPA 6010

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## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


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# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

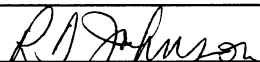
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NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	0.81	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	565	1500	Monthly	Composite	EPA 6010
Lead	44	300	Monthly	Composite	EPA 6010
Mercury	6.34	17	Monthly	Composite	EPA 7471
Nickel	29	420	Monthly	Composite	EPA 6010
Selenium	10.20	100	Monthly	Composite	EPA 6010
Zinc	745	2800	Monthly	Composite	EPA 6010

<p>CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: San Elijo Joint Powers Authority	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 1925 Palomar Oaks Way, Ste. 300	Address: 2015 Park Ave, Suite 7
City: Carlsbad State: CA	City: Redlands State: California
Facility Contact: Gary Masters Phone: (760) 753-6203	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	10	01		98	10	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.37	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	568	1500	Monthly	Composite	EPA 6010
Lead	43	300	Monthly	Composite	EPA 6010
Mercury	4.70	17	Monthly	Composite	EPA 7471
Nickel	33	420	Monthly	Composite	EPA 6010
Selenium	11.28	100	Monthly	Composite	EPA 6010
Zinc	726	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/14/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

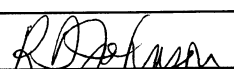
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: San Elijo Joint Powers Authority	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 1925 Palomar Oaks Way, Ste. 300	Address: 2015 Park Ave, Suite 7
City: Carlsbad State: CA	City: Redlands State: California
Facility Contact: Gary Masters Phone: (760) 753-6203	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	09	01		98	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.37	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	568	1500	Monthly	Composite	EPA 6010
Lead	43	300	Monthly	Composite	EPA 6010
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Selenium	11.28	100	Monthly	Composite	EPA 6010
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<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/14/99

## NOTICE AND NECESSARY INFORMATION

This form is to assist compliance with the bulk sewage sludge notification requirements [503.12(f)]. Please note, however, that if the sewage sludge meets the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of sewage sludge to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

## Part 1 - To Be Completed by PREPARERS of Sewage Sludge

AGENCY: SAN ELIJO JOINT POWERS AUTHORITY

MONTH: NOVEMBER 1998

## A. Please provide pollutant concentrations

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (monthly average)	Ceiling Concentrations* Table 1, 40 CFR 503.13) (daily maximum)
Arsenic	7	41 mg/kg	75 mg/kg
Cadmium	6	39 mg/kg	85 mg/kg
Chromium	27	1200 mg/kg	3000 mg/kg
Copper	531	1500 mg/kg	4300 mg/kg
Lead	32	300 mg/kg	840 mg/kg
Mercury	ND	17 mg/kg	57 mg/kg
Molybdenum	16.5	18 mg/kg	75 mg/kg
Nickel	ND	420 mg/kg	420 mg/kg
Selenium	9	36 mg/kg	100 mg/kg
Zinc	710	2800 mg/kg	7500 mg/kg
Nitrogen Concentration		N/A	N/A

\* Sludge may not be land applied if any pollutant exceeds these values.

## B. Pathogen Reduction (40CFR 503.32) - Please indicate the level achieved


☐ Class A ☒ Class B

## C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed

☒ Option 1 ☐ Option 2 ☐ Option 3 ☐ Option 4  
☐ Option 5 ☐ Option 6 ☐ Option 7 ☐ Option 8  
☐ No vector attraction reduction options were performed

## D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title Nicki N. Branch, Laboratory Supervisor	B. Area Code and Telephone Number (760) 753-0352
C. Signature 	D. Date Signed 1/12/99

CALIFORNIA MENS COLONY STATE  
PRISON - SAN LUIS OBISPO



PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 18, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-SLMC

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/25/98	SLMC	275.5	50.03	137.8	BG24
02/01/98	SLMC	56.0	50.03	28.0	BG24
<hr/>					
TOTALS		331.5		165.8	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

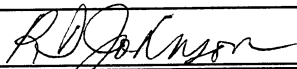
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: California Mens Colony State Prison - San Luis Obispo	Facility Owner's Name: Pima Gro Systems, Inc.
Address: P.O. Box 8101	Address: 2015 Park Ave, Suite 7
City: San Luis Obispo State: Ca	City: Redlands State: California
Facility Contact: John Kellerman Phone: (805) 547-7950	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	02	01		98	02	28

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.89	41	Monthly	Composite	EPA 6010
Cadmium	7	39	Monthly	Composite	EPA 6010
Copper	212	1500	Monthly	Composite	EPA 6010
Lead	33	300	Monthly	Composite	EPA 6010
Mercury	3.17	17	Monthly	Composite	EPA 7471
Nickel	282	420	Monthly	Composite	EPA 6010
Selenium	5.87	100	Monthly	Composite	EPA 6010
Zinc	513	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 4/4/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: California Mens Colony State Prison - San Luis Obispo				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: P.O. Box 8101				Address: 2015 Park Ave, Suite 7			
City: San Luis Obispo		State: Ca		City: Redlands		State: California	
Facility Contact: John Kellerman		Phone: (805) 547-7950		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
98	01	01	TO	98	01	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	1.89	41	Monthly	Composite	EPA 6010
Cadmium	7	39	Monthly	Composite	EPA 6010
Copper	212	1500	Monthly	Composite	EPA 6010
Lead	33	300	Monthly	Composite	EPA 6010
Mercury	3.17	17	Monthly	Composite	EPA 7471
Nickel	282	420	Monthly	Composite	EPA 6010
Selenium	5.87	100	Monthly	Composite	EPA 6010
Zinc	513	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature:	Date Signed: 2/11/99

WESTERN MUNICIPAL WATER DISTRICT

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 29, 1999

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1998 ANNUAL REPORT-WRIV

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/03/99	WRIV	142.1	17.20	24.4	RDB1
01/03/99	WRIV	21.0	17.20	3.6	RDB2
01/03/99	WRIV	181.9	17.20	31.3	RDB4
08/02/98	WRIV	46.7	19.34	9.0	RDF3
08/23/98	WRIV	57.4	19.34	11.1	RDF3
08/30/98	WRIV	98.3	19.34	19.0	RDF3
09/20/98	WRIV	19.3	19.34	3.7	RDF6
10/11/98	WRIV	48.5	12.52	6.1	RAG2
11/08/98	WRIV	47.2	18.71	8.8	RPR1
11/15/98	WRIV	75.0	18.71	14.0	RRM1-4
11/22/98	WRIV	78.9	18.71	14.8	PKA1
11/22/98	WRIV	10.6	18.71	2.0	RRM1-4
11/29/98	WRIV	85.0	18.71	15.9	RDF3
12/13/98	WRIV	131.3	17.20	22.6	RDB4
<hr/>					
TOTALS		1043.2		186.3	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

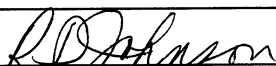
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Western Municipal Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 450 Alessandro Boulevard	Address: 2015 Park Ave, Suite 7
City: Riverside State: CA	City: Redlands State: California
Facility Contact: John Gallegos Phone: (909) 739-6225	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	08	01		98	08	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.15	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	630	1500	Monthly	Composite	EPA 6010
Lead	56	300	Monthly	Composite	EPA 6010
Mercury	2.81	17	Monthly	Composite	EPA 7471
Nickel	13	420	Monthly	Composite	EPA 6010
Selenium	5.45	100	Monthly	Composite	EPA 6010
Zinc	953	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

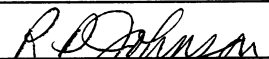
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Western Municipal Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 450 Alessandro Boulevard	Address: 2015 Park Ave, Suite 7
City: Riverside State: CA	City: Redlands State: California
Facility Contact: John Gallegos Phone: (909) 739-6225	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	09	01		98	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.15	41	Monthly	Composite	EPA 6010
Cadmium	1.0	39	Monthly	Composite	EPA 6010
Copper	630	1500	Monthly	Composite	EPA 6010
Lead	56	300	Monthly	Composite	EPA 6010
Mercury	2.81	17	Monthly	Composite	EPA 7471
Nickel	13	420	Monthly	Composite	EPA 6010
Selenium	5.45	100	Monthly	Composite	EPA 6010
Zinc	953	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

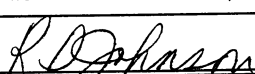
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Western Municipal Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 450 Alessandro Boulevard	Address: 2015 Park Ave, Suite 7
City: Riverside State: CA	City: Redlands State: California
Facility Contact: John Gallegos Phone: (909) 739-6225	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	10	01		98	10	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5.44	41	Monthly	Composite	EPA 6010
Cadmium	2.0	39	Monthly	Composite	EPA 6010
Copper	639	1500	Monthly	Composite	EPA 6010
Lead	118	300	Monthly	Composite	EPA 6010
Mercury	5.39	17	Monthly	Composite	EPA 7471
Nickel	45	420	Monthly	Composite	EPA 6010
Selenium	5.74	100	Monthly	Composite	EPA 6010
Zinc	941	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/89



# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

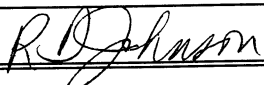
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Western Riverside County Regional Wastewater Authority	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 450 Alessandro Boulevard	Address: 2015 Park Ave, Suite 7
City: Riverside State: CA	City: Redlands State: California
Facility Contact: John Galiegos Phone: (909) 739-6225	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	11	01		98	11	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.77	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Copper	643	1500	Monthly	Composite	EPA 6010
Lead	51	300	Monthly	Composite	EPA 6010
Mercury	2.69	17	Monthly	Composite	EPA 7471
Nickel	20	420	Monthly	Composite	EPA 6010
Selenium	7.02	100	Monthly	Composite	EPA 6010
Zinc	771	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/11/99

# 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

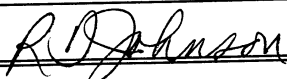
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Western Riverside County Regional Wastewater Authority	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 450 Alessandro Boulevard	Address: 2015 Park Ave, Suite 7
City: Riverside State: CA	City: Redlands State: California
Facility Contact: John Galiegos Phone: (909) 739-6225	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
98	12	01		98	12	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5.05	41	Monthly	Composite	EPA 6010
Cadmium	3.0	39	Monthly	Composite	EPA 6010
Copper	565	1500	Monthly	Composite	EPA 6010
Lead	53	300	Monthly	Composite	EPA 6010
Mercury	2.31	17	Monthly	Composite	EPA 7471
Nickel	22	420	Monthly	Composite	EPA 6010
Selenium	9.08	100	Monthly	Composite	EPA 6010
Zinc	622	2800	Monthly	Composite	EPA 6010

<p><b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.</p>	
Name and Official Title: Richard D. Johnson, Director, Technical Services	Phone Number: (909) 798-8717
Signature: 	Date Signed: 2/4/99

## NOTICE AND NECESSARY INFORMATION (NANI)

Facility Name: WESTERN RIVERSIDE WUTPMonitoring Period: 4/1/98 To 12/98

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	14	41 mg/kg	75 mg/kg
Cadmium	2	39 mg/kg	85 mg/kg
Copper	610	1500 mg/kg	4300 mg/kg
Lead	38	300 mg/kg	840 mg/kg
Mercury	ND	17 mg/kg	57 mg/kg
Molybdenum	17	N/A**	75 mg/kg
Nickel	21	420 mg/kg	420 mg/kg
Selenium	14	100 mg/kg	100 mg/kg
Zinc	620	2800 mg/kg	7500 mg/kg
Average Percent Solids	18%	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values

\*\* EPA has removed molybdenum limits from Table 3.

B. Pathogen Reduction (40 CFR 503.32) - Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

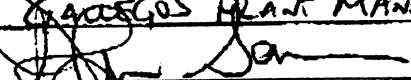
C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed.

Option 1 \_\_\_\_\_ Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 X

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

## D. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: <u>JOHN GARCIGOS PLANT MANAGER</u>	B. Telephone Number: <u>(909) 739-6225</u>
C. Signature: 	D. Date Signed: <u>1/15/99</u>

Form Provided By:

Pima Gro Systems, Inc.

A Synagro Technologies Company